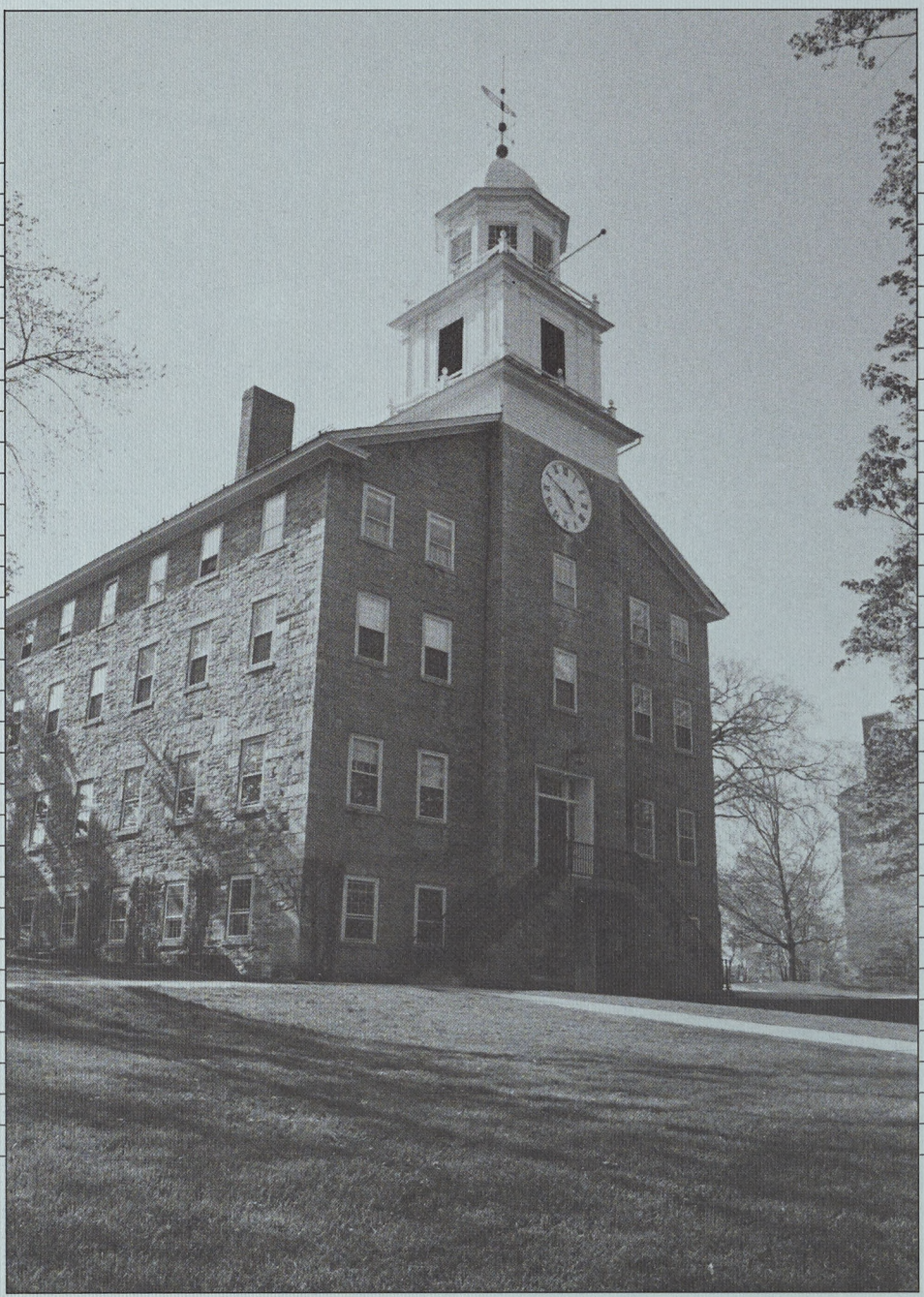
Middlebury College



Course Catalog Supplement, 1988-89

Middlebury College complies with the 1964 Civil Rights Act, Title IX of the Educational Amendments of 1972, the IRS Anti-Bias regulation and Section 504 of the Rehabilitation Act of 1973. In so doing, Middlebury College does not discriminate against any individual on the basis of race, color, sex, religion, ethnic origin or handicap in any of its programs or activities. The Dean of the College, Old Chapel, Middlebury College, Middlebury, VT 05753 (802) 388-3711 is responsible for coordinating the College's efforts to comply with sec. 504, Rehabilitation Act of 1973.

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HOW TO USE THIS SUPPLEMENT

As a guide to courses which will be offered at Middlebury College during the 1988-89 academic year, this supplement must be used in conjunction with the College's 1987-88 General Catalog. Some of the courses listed in that Catalog have been modified in one or more ways or have been dropped from next year's offerings while some new courses which do not appear in the Catalog have been added.

This document lists every course in the 1987-88 Catalog, indicating whether the course is being offered again without change, offered again but modified in certain respects, omitted in 1988-89 or dropped completely from the curriculum. It also gives all details for the new courses introduced since the Catalog was published. When using this supplement, please keep the following in mind:

1. If a course is being offered again without change, only its title and the term it will be offered are listed.

2. If a course has been changed in some way, only its title, the term offered, and changes (i.e. new instructor's name, new description, etc.) are listed here; all other information relating to the course is in the Catalog and students may assume that the Catalog information about the course still applies.

3. If a course is being omitted in 1988-89, its title is placed in (brackets).

4. If a course has been dropped entirely from the curriculum, its title is followed by the word, "Deleted."

5. As in the Catalog, Foundations Courses are preceded by an asterisk (*) in department copy.

6. All faculty (excluding those people not yet hired) for the 1988-89 academic year are listed at the beginning of their department copy.

7. Faculty members from many departments will offer Freshman Seminar courses next year. Because no currently enrolled Middlebury students may register for them, descriptions for them are not noted this publication.

FOUNDATIONS COURSES FOR 1988-89:

FOREIGN LANGUAGES DIVISION

(CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES)
CL 131 HISTORY OF CLASSICAL GREECE. Fall.
CL 132 HISTORY OF ROME. Spring.
CL 150 THE ANCIENT EPIC. Fall.
CL 152 GREEK TRAGEDY. Spring.
CL 175 GREEK PHILOSOPHY. Fall.
CS 133 MASTERWORKS OF CHINESE LITERATURE AND CIVILIZATION. Spring.
(FL 201 INTRODUCTION TO LINGUISTICS)
(FL 206 THINKING LINGUISTICS)
(FR 115 REALISM. FRENCH FICTION FROM STENDHAL TO PROUST)
FR 120 WOMEN WRITERS IN FRANCE. Spring.
IT 290 DANTE: (IN ENGLISH). Spring.
RU 151 RUSSIAN LITERATURE'S GOLDEN AGE: 1830-1880. Fall.
RU 152 RUSSIAN MODERNISM: 1880-PRESENT. Spring.
(SP 130 LATIN AMERICAN LITERATURE: CHRONICLES OF CHANGE)
(SP 231 CAPTAINS, KINGS AND CAUDILLOS (IN ENGLISH))

HUMANITIES DIVISION

AR 101 AN INTRODUCTION TO ART AND ART HISTORY. Fall.
(EL 110 CONTINENTAL FICTION)
(EL 112 MYTHOLOGIES TIMELESS AND TIMELY, TRADITIONAL AND CONTEMPORARY)
EL/AL 113 VISIONS OF NATURE. Spring.
(EL 114 READING WOMEN'S WRITINGS)
MU 101 INTRODUCTION TO MUSICAL STYLES. Fall.

(MU 105 PERSPECTIVES OF MUSIC)
(MU 109 RUDIMENTS OF MUSIC)
PA 150 INTRODUCTION TO PHILOSOPHY. Fall, Spring.
PA 180 INTRODUCTION TO MODERN LOGIC. Fall, Spring.
PA 190 ETHICS AND THE ENVIRONMENT. Spring.
(PA 201 ANCIENT GREEK PHILOSOPHY)
(PA 202 MODERN PHILOSOPHY FROM DESCARTES TO PEIRCE)
(PA 212 INTRODUCTION TO THE HISTORY OF MODERN SCIENCE)
RE 105 AN INTRODUCTION TO THE ENGLISH BIBLE. Fall.
RE 110 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT. Spring.
RE 115 INTRODUCTION TO EASTERN RELIGIOUS THOUGHT. Fall.
RE 201 THE JEWISH TRADITION. Fall.
(RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE)
TH 116 THE CREATIVE PROCESS: THEATRE, DANCE, FILM. Fall, Spring.
TH 130 FILM FORM AND FILM SENSE. Spring.

NATURAL SCIENCES DIVISION
BI 125 INTRODUCTION TO BIOLOGY. Fall.
BI 130 MAN AND DISEASE. Fall.
BI 190 GENERAL ECOLOGY. Spring.
CH 103 FUNDAMENTALS OF CHEMISTRY I (WITH LAB). Fall, Spring.
CH 105 FUNDAMENTALS OF CHEMISTRY I (NO LAB). Fall, Spring.
CH 170 CHEMISTRY FOR CITIZENS. Spring.
CX 213 COMPUTER SCIENCE I. Fall, Spring.
GL 104 EARTHQUAKES AND VOLCANOES. Spring.
GL 152 EVOLUTION OF THE EARTH. Spring.
GL 170 GLOBAL TECTONICS. Fall.
MA 103 INTRODUCTION TO COMPUTERS. Fall, Spring.
MA 105 FINITE MATHEMATICS: PROBABILITY, MATRICES AND PROGRAMMING. Spring.
(MA 106 INTRODUCTION TO STATISTICAL SCIENCE)
(MA 227 SET THEORY)
PH 101 THE NATURE OF THINGS. Spring.
PH 155 AN INTRODUCTION TO THE UNIVERSE. Fall.

SOCIAL SCIENCES DIVISION
GG 100 GEOGRAPHY: A MODERN SYNTHESIS. Fall, Spring.
HI 103 INDIVIDUALS AND ORGANIZATIONS. Fall.
HI 104 THE REVOLUTIONARY TRADITION. Spring.
PS 101 INTRODUCTION TO POLITICAL SCIENCE. Fall.
PS 107 POLITICS AND THE STUDIES OF POLITICS. Spring.
SA 105 SOCIAL MAN AND SOCIAL ORDER. Fall.
SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT. Fall.

INTERDEPARTMENTAL

ID 100 THE PROCESS OF WRITING PAPERS. Fall. New Title and Description. A writing workshop designed for students who would like to improve their writing and for students for whom English is a second language. We will concentrate on the process involved in writing a paper from freewrites about a topic, through drafts, to the final version. The creation and support of arguments, as well as grammatical points, will be emphasized. The thematic focus of the course will be concerned with the issues surrounding survival, both in a physical sense and a psychological sense. This course does not fulfill the College Writing requirement. Mrs. Pack.

ID 101 THE PROCESS OF WRITING PAPERS. Spring. Same as ID 100, above.

COLLEGE WRITING PROGRAM

After completing a Freshman Seminar, every student must elect, within the next two semesters, at least one course designated as a Writing Intensive course.

Writing Intensive courses are designed to continue developing and improving the skills of written communication addressed in the Freshman Seminars. They are taught in sections of limited enrollment, require frequent written assignments and proceed through close revision of papers, class discussion of both particular and general problems of writing and, as necessary, individual conferences. Satisfactory completion of one of these Writing Intensive courses is a graduation requirement. Students who have completed one Writing Intensive course may elect a second, different course in the Program, space permitting. In 1988-89, the

courses that satisfy the requirement include those listed below. For full descriptions see the entries under individual departments of instruction.

AMERICAN LITERATURE AND CIVILIZATION
AL 103A THE AMERICAN SHORT STORY
AL 103B NEW YORK CITY IN LITERATURE

BIOLOGY
BI 102 SCIENCE IN SCIENCE FICTION
BI 111 WRITING ON NATURE

CHEMISTRY
*CH 170 CHEMISTRY FOR CITIZENS

ENGLISH
EL 107 JOURNAL AND ESSAY
EL 160 THE STRUCTURE OF NONFICTION
EL 170 THE STRUCTURE OF FICTION
EL 175 THE STRUCTURE OF POETRY
EL 201 CHAUCER, SHAKESPEARE, MILTON

FRENCH
FR 209 INTRODUCTION TO FRENCH PROSE

HISTORY
*HI 104 THE REVOLUTIONARY TRADITION

MUSIC
*MU 101 INTRODUCTION TO MUSICAL STYLES

PHILOSOPHY
*PA 150B INTRODUCTION TO PHILOSOPHY

PHYSICS
*PH 101 PHYSICAL REALITY AND HUMAN THOUGHT

POLITICAL SCIENCE
PS 103 PATTERNS OF GOVERNMENT: INTRODUCTION TO COMPARATIVE POLITICS

RELIGION
RE 220 THE MAKING OF MODERN JUDAISM

THEATRE, DANCE AND FILM
*TH 130 FILM FORM AND FILM SENSE

DIVISION OF FOREIGN LANGUAGES

FRESHMAN SEMINARS
A description of the following course will appear under Freshman Seminars in the official Catalog:

FS 024 SPEAKING OF LANGUAGE. Fall. Ms. Olinick.

(*FL 201 INTRODUCTION TO LINGUISTICS)

(*FL 206 THINKING LINGUISTICS (FORMERLY LI 206))

(FL 211 SOCIOLINGUISTICS (FORMERLY LI 211))

(FL 212 PSYCHOLINGUISTICS (FORMERLY LI 212))

(FL 213 BILINGUALISM (FORMERLY LI 213))

(FL 215 HISTORICAL LINGUISTICS (FORMERLY LI 215))

(FL 225 SOUND PATTERNS IN LANGUAGE (FORMERLY LI 225))

*FL 239 STRUCTURING THE CHAOS. Deleted.

(FL 295 GERMANIC LINGUISTICS (FORMERLY LI 295))

(FL 301 ROMANCE LINGUISTICS (FORMERLY LI 301))

(FL 312 INTRO TO HISTORICAL AND COMPARATIVE LINGUISTICS (FORMERLY LI 312))

(FL 340 THE ART AND CRAFT OF TRANSLATION)

For additional courses offered in English, see also:
*CS 133 MASTERWORKS OF CHINESE LITERATURE AND CIVILIZATION. Spring.
CS 216 TRADITIONAL CHINESE FICTION. Fall.
CS 220 MODERN CHINESE FICTION. Spring.
(CS 225 CLASSICAL CHINESE POETRY)
CS 260 INTRODUCTION TO LITERARY THEORY AND CRITICISM. Fall.
(*CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES)
*CL 131 HISTORY OF CLASSICAL GREECE. Fall.
*CL 132 HISTORY OF ROME. Spring.
*CL 150 THE ANCIENT EPIC. Fall.
*CL 152 GREEK TRAGEDY. Spring.
*CL 175 GREEK PHILOSOPHY. Fall.
CL 450 HISTORY OF CLASSICAL LITERATURE. Spring.
(FR 112 HUMANISTS AND HEROES)
*FR 115 REALISM: FRENCH FICTION FROM STENDHAL TO PROUST. Spring.
*FR 120 WOMEN WRITERS IN FRANCE. Spring.
*IT 290 DANTE. Spring.
*RU 151 RUSSIAN LITERATURE'S GOLDEN AGE: 1830-1880. Fall.
*RU 152 RUSSIAN MODERNISM: 1880-PRESENT. Spring.
RU 351 DOSTOEVSKY. Spring.
(RU 352 TOLSTOY)
(RU 353 RUSSIAN THEATRE)
(RU 354 CHEKHOV)
(RU 356 RUSSIAN LITERATURE OF THE 60'S AND 70'S)

DIVISION OF NATURAL SCIENCES

*NS 128 CRYPTOLOGY; THE MATHEMATICS AND TECHNOLOGY OF MAKING AND BREAKING SECRET CODES. Note: This course has been changed to a Freshman Seminar, to be offered in fall term.

AMERICAN LITERATURE AND CIVILIZATION

Professors: Stephen Donadio (chair), John McWilliams (on leave all year). Assistant Professors: John Gilkeson (Dana Faculty Fellow in American Civilization, on leave all year), Joanne Jacobson, Karl Lindholm, Brett Millier. Visiting Assistant Professor: Kenneth Myers. Visiting Instructor: Pamela Schirmeister.

Major Program. Mr. Donadio will direct the American Literature major in 1988-89.

AMERICAN LITERATURE
FRESHMAN SEMINARS
Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 017 THE IDEA OF THE MIDWEST IN TWENTIETH CENTURY AMERICA. Fall. Ms. Jacobson.

FS 021 LITERARY CALIFORNIA. Fall. Ms. Millier.

FS 056 AMERICAN DRAMA: TEXTS, FILMS, CONTEXTS. Spring. Mr. Bertolini.

COLLEGE WRITING PROGRAM
AL 103A THE AMERICAN SHORT STORY. Spring. Ms. Schirmeister.

AL 103B NEW YORK CITY IN LITERATURE. Spring. Mr. Myers.

AL 103C BLACK AMERICAN LITERATURE. Deleted. See AL 355, below.

*AL/EL 113 VISIONS OF NATURE. Spring. Mr. Elder. (See English department listings for description.)

AL 201 AMERICAN LITERATURE: 1620-1830. Fall. Mr. Myers.

AL 202 AMERICAN LITERATURE: 1830-1865. Spring. Ms. Schirmeister.

AL 203 AMERICAN LITERATURE: 1865-1940. Spring. Ms. Jacobson.

AL/AC 220 TOPICS IN AMERICAN CIVILIZATION. Fall. Mr Donadio. (See American Civilization listings for description.)

(AL 240 AMERICAN AUTOBIOGRAPHY)

(AL 260 FICTION BY AMERICAN WOMEN)

AL 301 THE AMERICAN NOVEL: I. Fall. Ms. Millier.

AL 302 THE AMERICAN NOVEL: II. Spring. Note: Authors to be studied will not include Dos Passos. Mr. Donadio.

AL 306 AMERICAN POETRY: 1620-1920. Fall. New Description. American poetry from the Puritans to the first generation Moderns. Particular attention will be paid to works by Anne Bradstreet, Edward Taylor, R.W. Emerson, Walt Whitman, Ezra Pound and T.S. Eliot. Close reading will be encouraged by the assignment of numerous short papers. Mr. Myers.

AL 307 AMERICAN POETRY: 1920- PRESENT. Spring. New Description. A study of four modernist poets and their post-modern inheritors, with particular attention paid to issues of influence and the changing concept of the poet's public voice. Works by Stevens, Williams, Frost and Auden: Bishop, Rich, Ammons and Lowell.

* AL/EL 309 CONTEMPORARY LITERATURE. (See English department course listings for description.) Mr. Parini.

AL/EL 312 MODERN POETRY. Deleted.

AL/EL 320 THE AMERICAN EPIC. Deleted.

(AL/EL 340 REGIONALISM)

AL 355 BLACK AMERICAN LITERATURE. Spring. New Course. An introduction to the major works of Afro-American narrative. Books will include slave narratives by Olaudah Equiano, Harriet Jacobs and Frederick Douglass: Wright's Native Son; Ellison's Invisible Man; and recent novels or plays by Alice Walker, Toni Morrison and August Wilson. Topics will include the social construction of racial and gender differences, music as a carrier of African traditions, and narrative as a device for the creation of a personality. Mr. Myers.

AL/EL 405 H.L. MENCKEN'S DEFENSE OF WOMEN. Deleted.

(AL/AC 420 AMERICAN CULTURE: 1941-1961)

AL 450 SEMINAR IN MAJOR AUTHORS. Fall, Spring. Topics for 1988-89 will be:
Hawthorne. Fall. Ms. Schirmeister.
James and Wharton. Spring. Ms. Millier.

AL 500 SPECIAL RESEARCH. Fall, Spring.

AL 700 SENIOR RESEARCH. Fall, Spring.

AL 704 SENIOR SEMINAR. Fall. New Description. Group discussion of selected works related to the required reading list for majors. Regular oral presentations and written work required. The topic for 1988-89 will be 20th century fiction. Ms. Schirmeister.

AMERICAN CIVILIZATION
Major Program. Replace the second paragraph with: Students are expected to achieve a certain range and depth in their studies by completing specific courses in the various participating departments (see Section I below). They are further expected to integrate and focus their studies: first, through advanced work in an interdisciplinary major field (see Section II); and second, through the American Civilization Seminars and the Senior Essay or Honors Thesis (see Section III).

Replace paragraph 5 with: Ms Jacobson is Director of the major in American Civilization. Students seeking information or advice concerning American Civilization should consult Ms. Jacobson or any of the following advisers: Ms. Bellows (History); Ms. Cook (Music); Mr. Cornwall (Economics); Mr. Davis (Political Science); Mr. Donadio (American Literature and Civilization); Mr. Ferm (Religion); Ms. Mayer (Geography); Ms. Nelson (Sociology/Anthropology); Mr. Perry (Theatre, Dance and Film), Mr. Wilson or Mr. Andres (Art).

Before AC course listings begin, add:
REQUIREMENTS FOR THE AMERICAN CIVILIZATION MAJOR:

I. Courses Required of all Students (5)

1. HI 203 UNITED STATES HISTORY: 1492-1861
2. HI 204 UNITED STATES HISTORY: 1861-1945
3. AL 202 THE AMERICAN RENAISSANCE
4. One of the following:
   - AL 201 AMERICAN LITERATURE: 1620-1830
   - AL 203 AMERICAN LITERATURE: 1865-1940
   - AR 207 AMERICAN ART
   - AR 211 AMERICAN DESIGN
   - MU 326 MUSIC IN AMERICA
   - PA 222 AMERICAN PHILOSOPHY
   - PS 102 AMERICAN POLITICAL REGIME
   - PS 104 AMERICAN POLITICAL PROCESSES
   - RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE
   - SA 343 AMERICAN COMMUNITY STUDIES
   - SA 390 SOCIOLOGY OF WOMEN
   - SA 367 AFRO-AMERICAN ANTHROPOLOGY
5. AC 220 TOPICS IN AMERICAN CIVILIZATION or
   AC 330 STUDIES IN AMERICAN CIVILIZATION

II. Interdisciplinary Major Field (9)

A. Six courses will be chosen from a list of department-designed major fields (see list which follows). Students may also petition for approval of self-designed major fields; self-designed fields, constructed either thematically or chronologically, must be approved by the end of the first week of fall semester classes of the junior year. Students must select courses from at least three different departments in completing the requirements of the major field. Department-designed major fields include:

Early America
Nineteenth-Century America
Twentieth-Century America
Region and Community in America
The Fine Arts in America
Women and Minorities in America
American Institutions
The American Environment
American Intellectual History
Urban and Economic America
(A list of courses to be included in these major fields is available in the office of the Director of the American Civilization Program.)

B. Students must select three courses, pertinent to their interdisciplinary major field, which concern a culture or cultures outside the U.S. (for ex., for 20th-Century America: GG 210 (DEVELOPMENT); PS 225 (COMPARATIVE POLITICS: WESTERN EUROPE); RU 152 (RUSSIAN LITERATURE FROM 1880); HI 336 (MODERN JAPAN); HI 238 (MODERN MIDDLE EAST HISTORY); HI 286 (MODERN LATIN AMERICAN HISTORY);. FR 313 (TOPICS AND PROBLEMS IN CONTEMPORARY FRENCH CIVILIZATION)). These three courses must be approved by the Program Director no later than the fall semester of the junior year.

III. Advanced Studies (3-4)

AC 400 JUNIOR SEMINAR IN AMERICAN CIVILIZATION (Fall)
AC 700 SENIOR ESSAY (Fall) or
SENIOR HONORS THESIS (Fall, Winter)
Note: to qualify as a candidate for Honors, one must have had an average of B or better for previous work in the major.
AC 704 SENIOR SEMINAR IN AMERICAN CIVILIZATION (Spring)

MAJOR FIELDS IN AMERICAN CIVILIZATION

Each of these fields may also include appropriate courses approved by departmental advisers.

EARLY AMERICA

AL 201 AMERICAN LITERATURE: 1620-1830
AL 306 AMERICAN POETRY TO 1920
HI 361 COLONIAL AMERICA
HI 362 THE ERA OF THE AMERICAN REVOLUTION
PS 102 THE AMERICAN POLITICAL REGIME
RE 306 THE PURITAN TRADITION IN AMERICA

NINETEENTH-CENTURY AMERICA

AL 301 THE AMERICA NOVEL: NINETEENTH CENTURY
AL 203 AMERICAN LITERATURE: 1865-1940
AR 407 SEMINAR IN AMERICAN ART: WINSLOW HOMER
HI 363 JEFFERSONIAN AND JACKSONIAN AMERICA
HI 364 CIVIL WAR AND RECONSTRUCTION
HI 365 VICTORIAN AMERICA
HI 366 AMERICAN FRONTIERS

TWENTIETH-CENTURY AMERICA

AC 220 AMERICAN CULTURE: 1919-1929
AC 330 AMERICAN CULTURE: 1929-1941
AC 330 AMERICAN CULTURE: 1941-1961
AL 302 THE AMERICAN NOVEL: TWENTIETH CENTURY
AL 203 AMERICAN LITERATURE: 1865-1940
AL 307 TWENTIETH-CENTURY AMERICAN POETRY
AL 450 MAJOR AUTHORS: HEMINGWAY
AR 302 TWENTIETH-CENTURY PAINTING AND SCULPTURE
AR 308 LATE MODERN ART
AR 403 SEMINAR IN MODERN ARCHITECTURE
GG 211 ECONOMIC GEOGRAPHY
GG 212 URBAN GEOGRAPHY
GG 230 SOCIAL ASPECTS OF ENVIRONMENTAL ISSUES
HI 367 TWENTIETH-CENTURY AMERICA: 1920-1948
HI 368 TWENTIETH-CENTURY AMERICA: 1948-PRESENT
PS 208 THE POLITICS OF THE U.S. CONGRESS
PS 306 AMERICAN CONSTITUTIONAL LAW: INDIVIDUAL RIGHTS
PS 314 AMERICAN URBAN POLITICS
PS 425 SEMINAR ON THE AMERICAN PRESIDENCY
RE 307 THREE AMERICANS: JAMES, DEWEY, NIEBUHR
SA 307 SOCIOLOGY OF EDUCATION
SA 316 SOCIOLOGY OF YOUTH
SA 344 URBAN SOCIOLOGY
SA 367 AFRO-AMERICAN ANTHROPOLOGY
SA 385 SOCIOLOGY OF MEDICINE
SA 387 SOCIOLOGY OF LAW
SA 388 DEVIANCE
TH 234 AMERICAN FILM GENRES
TH 236 TELEVISION AS CULTURE

THE FINE ARTS IN AMERICA

AR 207 AMERICAN PAINTING
AR 211 AMERICAN DESIGN
AR 302 TWENTIETH-CENTURY PAINTING AND SCULPTURE
AR 308 LATE MODERN ART
AR 403 SEMINAR IN MODERN ARCHITECTURE
MU 326 MUSIC IN AMERICA
TH 216 AMERICAN DRAMA
TH 234 AMERICAN FILM GENRES
TH 235 TELEVISION AS CULTURE

WOMEN AND MINORITIES

AL 260 FICTION BY AMERICAN WOMEN
AL 455 BLACK AMERICAN LITERATURE
GG 412 WOMEN IN THE CITY
HI 371 BLACK HISTORY
RE 290 FEMINISM AND RELIGION: GENDER ANALYSIS IN THE HISTORY, THEOLOGY AND SACRED WRITINGS OF THE WEST
SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT

SA 321 NATIVE PEOPLES OF NORTH AMERICA
SA 367 AFRO-AMERICAN ANTHROPOLOGY
SA 370 SOCIOLOGY OF INEQUALITY
SA 388 DEVIANCE
SA 390 SOCIOLOGY OF WOMEN

AMERICAN INTELLECTUAL HISTORY
AL 201 AMERICAN LITERATURE: 1620-1830
PA 222 AMERICAN PHILOSOPHY
HI 405A GREAT AMERICAN HISTORIANS
PS 305 CONSTITUTIONAL LAW: THE FEDERAL SYSTEM
PS 306 CONSTITUTIONAL LAW: THE BILL OF RIGHTS
RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE
RE 306 THE PURITAN TRADITION IN AMERICA
RE 307 THREE AMERICANS: JAMES, DEWEY, NIEBUHR
SA 205 TOPICS IN SOCIAL THOUGHT: STABILITY AND CHANGE

THE AMERICAN ENVIRONMENT
AL 340 THE AMERICAN WILDERNESS
AR 314 AMERICA: THE VISUAL ENVIRONMENT
AR 407 SEMINAR IN WINSLOW HOMER
EC 365 ENVIRONMENTAL ECONOMICS
EL/AL 113 VISIONS OF NATURE
GG 225 SURFACE WATER RESOURCES AND DEVELOPMENT
GG 260 SOCIAL ASPECTS OF ENVIRONMENTAL ISSUES
PA 190 ETHICS AND THE ENVIRONMENT

URBAN AND ECONOMIC DEVELOPMENT IN AMERICA
AL 203 AMERICAN LITERATURE: 1865-1940
EC 100 INTRODUCTION TO ECONOMICS
EC 150 INTRODUCTORY ECONOMICS (MACRO)
EC 155 INTRODUCTORY ECONOMICS (MICRO)
EC 310 ECONOMICS OF INVESTING IN SECURITIES
EC 320 THE CORPORATION
EC 360 URBAN/REGIONAL ECONOMICS
EC 465 PUBLIC POLICY TOWARD BUSINESS
EC 475 MONETARY THEORY AND FINANCIAL INSTITUTIONS
EC 485 LABOR ECONOMICS
GG 211 ECONOMIC GEOGRAPHY
GG 212 URBAN GEOGRAPHY
GG 412 WOMEN IN THE CITY
PS 314 AMERICAN URBAN POLITICS
SA 344 URBAN SOCIOLOGY

AMERICAN INSTITUTIONS
EC 100 INTRODUCTION TO ECONOMICS
EC 310 ECONOMICS OF INVESTING IN SECURITIES
EC 320 THE CORPORATION
EC 365 ENVIRONMENTAL ECONOMICS
EC 437 THE POLITICAL ECONOMY OF CAPITALISM
EC 455 INDUSTRIAL STRATEGIES
EC 475 MONETARY THEORY AND FINANCIAL INSTITUTIONS
PS 208 CONGRESS
PS 305 AMERICAN CONSTITUTIONAL LAW: THE FEDERAL SYSTEM
PS 306 AMERICAN CONSTITUTIONAL LAW: INDIVIDUAL RIGHTS
PS 410 POLITICAL PARTIES AND INTEREST GROUPS
PS 425 THE PRESIDENCY
RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE
RE 308 SEMINAR IN AMERICAN RELIGIOUS HISTORY
SA 307 SOCIAL MOVEMENTS AND COLLECTIVE ACTION
SA 315 SOCIOLOGY OF EDUCATION
SA 341 WORK, LEISURE AND SPORT
SA 385 MEDICAL SOCIOLOGY
SA 387 SOCIOLOGY OF LAW

AC 103A AMERICAN VALUES. Deleted.

AC 103B THE AMERICAN INDIAN. Deleted.

AC/AL 220 TOPICS IN AMERICA CIVILIZATION: AMERICAN CULTURE IN TEH 1960'S. Fall. New Title and Description. An exploration of cultural patterns emerging in a decade characterized by continuing turbulence and

radical change in all areas of American life. The course will focus on significant developments in popular culture, the visual arts, literary form, and political expression. Among the topics to be considered are the presidential campaigns of 1960, 1964 and 1968, the U-2 incident, the Berlin crisis, the Cuban missile crisis, the Bay of Pigs episode, the space program, the Civil Rights movement, the Black Power movement, the Vietnam War protests, student uprisings, the Woodstock phenomenon, the assassinations of John F. Kennedy, Malcolm X, Martin Luther King and Robert Kennedy. In addition to regular class meetings, this course requires attendance at weekly screenings of a wide variety of documentary and fiction films relating to the period. Independent research and several papers will be required. Readings will include works by Saul Bellow, Norman Mailer, Joseph Heller, James Baldwin, Malcolm X, John Updike, Thomas Pynchon, Walker Percy, Robert Lowell, Allen Ginsberg, John Ashbery, Tom Wolfe and Joan Didion. Enrollment is limited to 35. Mr. Donadio.

AC/AL 330 STUDIES IN AMERICAN CIVILIZATION: CONFLICTS OF POWER IN THE U.S. SINCE WATERGATE. Spring. New Title and Description. This course will approach "culture" in the U.S. since the 1974 Watergate break-in as a set of conflicts over power. We will be examining specific events, like the racial violence at Howard Beach and like the Iran-Contra affair, in which such conflicts have found climactic expression. And we will be examining texts which dramatize problems--like the farm crisis; the AIDS epidemic; immigration and bilingualism; feminism and the family; American isolationism and the rhetoric of decline; cultural literacy; religious fundamentalism--around which such contests over territory and authority have congealed. Material for the course will include fiction, autobiography, journalism, film and television. Enrollment is limited to 35. Ms. Jacobson.

(AC/AL 340 REGIONALISM: AMERICAN WILDERNESS)

Delete all departmental copy after the above course, and replace with the following:
AC 400 SEMINAR IN AMERICAN CIVILIZATION (JUNIOR YEAR). Fall. New Description. An introduction to the theories and methods of American Civilization and their application to a particular theme or period in American culture. Ms. Jacobson.
N.B. AC 400 is of crucial importance in the American Civilization track. American Civilization majors who hope to take a semester abroad, or to transfer for a semester, should plan on doing so only during the spring semester of their junior year.

(AC/AL 420 AMERICAN CULTURE: 1941-1961)

AC 500 INDEPENDENT STUDY. Fall, Spring. Staff.

AC 700 SENIOR ESSAY/SENIOR THESIS. Fall, Winter. New Title and Description. For students who have completed AC 400 and thus qualified for the Senior Program. Under the guidance of one or more appropriate faculty members, each senior will complete research leading toward either a one-term, one-credit interdisciplinary senior essay or a two-term, two-credit interdisciplinary honors thesis on some aspect of American culture. The essay is to be submitted no later than the last Thursday of fall term; the thesis is to be submitted no later than the last Thursday of winter term. Staff.

AC 704 SEMINAR IN AMERICAN CIVILIZATION (SENIOR YEAR). Spring. New Description. This year research and discussion will focus on the transformations produced by television in American cultural life over the past four decades. Among the topics to be considered are the ways in which the medium has affected prevailing conceptions of coherence and continuity, its influence on behavior and on historical events, its relation to the demands of advertising, its implications in the area of education, and its impact on the concerns and ambitions of artists. Open to senior majors in American Civilization and to non-majors with permission of the instructor. Mr. Donadio.

ART

Professors: Glenn Andres, David Bumbeck, John Hunisak. Associate Professors: Eric Nelson, Christopher Wilson. Assistant Professors:

James Butler, John Huddleston, David Napier, Kirsten Powell, Richard Saunders (College Curator). Visiting Instructor: Jen-mei Ma.

Major Program. Under Studio Emphasis, change copy to: Four additional studio courses and four additional courses in the history of art, plus senior work, which consists of three terms of AR 720 to carry out a sustained studio project. All senior studio majors are required to present an exhibition of their work during their senior year.

Under Art History Emphasis and Architecture Emphasis, students should note that senior work (AR 710 and AR 730, respectively) is offered during fall and winter terms.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 030 OUR FIERY TRIAL: AN INTERDISCIPLINARY EXAMINATION OF THE AMERICAN CIVIL WAR. Fall. Mr. Wilson

*AR 101 AND INTRODUCTION TO ART AND ART HISTORY. Fall. New Description. This course serves as an introduction to the study of painting, sculpture and architecture from cave painting to contemporary art. By examining major monuments of the Western and non-Western traditions, our aim will be to consider a variety of works of art and architecture as independent statements and as works that belong to a specific place and moment in time. Issues of form, style and iconography will be addressed, with particular emphasis on their relationship to historical and cultural circumstances. Two lectures and one discussion per week. Mr. Andres, Mr. Napier, Ms. Powell.

AR 103 INTRODUCTION TO FAR EASTERN ART. Spring.

AR 115 INTRODUCTION TO "PRIMITIVE" ART. Spring. New Description. An introduction to ethno-aesthetics and the traditional arts of small-scale, non-western societies. The course concentrates on a number of different geographic areas and uses them to isolate general methodological issues. In addition to considering the obvious problem of why certain traditions have been wrongly labelled primitive, the course will focus on such specific topics as the depletion of the exotic, the role of the artist in other cultures, the uses of art in ritual and the presentation of the self through art. Mr. Napier.

AR 200 RENAISSANCE ARCHITECTURE. Fall. New Course. A selective survey of Renaissance architecture from the 14th through the 16th centuries, stressing major monuments, masters, concepts and styles. Mr. Andres.

(AR 201 ITALIAN RENAISSANCE PAINTING AND SCULPTURE)

AR 202 MODERN ART. Spring.

AR 207 AMERICAN PAINTING: 1750-1900. Fall. New Description. A survey of American Painting focusing upon the major painters and themes of the 18th and 19th centuries. The course will examine the development of history, landscape and genre painting. In addition to these broader themes, we will focus upon some of the great post-Civil War painters including Winslow Homer, Thomas Eakins and Albert Pinkham Rider. Mr. Wilson.

AR 209 STUDIO ART I. Fall. Mr. Bumbeck, Mr. Nelson, Mr. Butler.

AR 210 STUDIO ART II. Spring. Mr. Bumbeck, Mr. Butler, Mr. Nelson.

(AR 211 AMERICAN DESIGN)

AR 216 ART OF THE MIDDLE AGES. Spring.

(AR 218 HISTORY OF PHOTOGRAPHY)

AR 219 ANCIENT ART. Spring. New Description. Architecture, painting and sculpture in Egypt, the ancient Near East and Greece to the rise of the Roman Empire will be examined as products of their cultures and for

the development of attitudes and processes basic to our Western artistic tradition. Mr. Andres.

(AR 301 MODERN ARCHITECTURE)

AR 302 BAROQUE ART: PAINTING, SCULPTURE AND ARCHITECTURE OF SEVENTEENTH CENTURY ROME. Fall. New Description. During the period to be considered, Rome was the undisputed capital of the art world. From the vast projects of Pope Sixtus V to the death of Bernini, we will investigate the richness, diversity and splendor of artistic creation under a Church Triumphant. Mr. Hunisak.

(AR 304 NORTHERN BAROQUE ART)

AR 305 PAINTING AND SCULPTURE OF NINETEENTH CENTURY EUROPE. Spring.

AR 306 MASTERPIECES OF CHINESE AND JAPANESE PAINTING. Spring. New Course. Using a selected group of masterpieces of Chinese (emphasis will be placed on the major painting traditions of Song, Yuan, Ming and Qing dynasties) and Japanese (from Heian through Kamakura and Muromachi into Edo Periods) painting as basic materials, this course aims at an in-depth discussion of Chinese and Japanese paintings in the light of their aesthetic, historical and cultural context. Ms. Ma.

AR 307 THE ART OF THE CITY. Spring. New Description. A study of man's most complex and critical physical monument. The city (historical and "ideal") will be surveyed from antiquity to the present in an investigation of its changing purposes, elements and organization. Mr. Andres.

AR 308 LATE MODERN ART. Fall. New Description. An investigation of the leading figures and movements in American modernism. Although we will consider developments in painting and sculpture from the Armory to the present, special emphasis will be placed on the period between 1945 and 1980. Attention will be placed on the theoretical issues that have influenced such directions as Abstract Expressionism, Color Field Painting, Pop Art, Assemblage, Minimal Art, Photo and Super Realism, Conceptual Art and other recent developments. Ms. Powell.

AR 309 PAINTING. Fall. New Prerequisites. (AR 209 and AR 210.)

AR 310 PAINTING. Spring.

(AR 312 ROMAN ART)

AR 315 PRINTMAKING. Fall.

AR 316 PRINTMAKING. Spring. Mr. Bumbeck.

(AR 317 FILM AND MODERNISM IN THE ARTS)

AR 319 SCULPTURE. Fall. New Prerequisites. (AR 209 AND AR 210.)

AR 320 SCULPTURE. Spring.

(AR 321 INDIAN AND INDONESIAN ART)

(AR 322 EIGHTEENTH CENTURY ART AND ARCHITECTURE)

AR 325 SPECIAL PROBLEMS ON ART HISTORY: BIOGRAPHY OF ARTISTS AS ART HISTORICAL METHOD. Fall.

AR 327 PHOTOGRAPHY. Fall. Mr. Huddleston.

AR 328 PHOTOGRAPHY. Spring. Mr. Huddleston.

AR 331 SPECIAL TOPICS IN STUDIO: FIGURE DRAWING. Fall. New Description. This course involves extensive study of the human figure in a variety of drawing media. It will examine a range of aesthetic possibilities involving figurative imagery. The structure of the class will include daily studio sessions with the model, slide lectures and weekly outside assignments with associated critiques. Limited to 15 students (AR 209 and AR 210.) Mr. Bumbeck.

AR 332 SPECIAL TOPICS IN STUDIO : RELIEF SCULPTURE. Spring. New Description. An experimental approach to the study and practice of relief sculpture, a fascinating hybrid between two-dimensional, pictorial art and sculpture in the round. Investigations will center on a study of historical precedents from ancient to modern times and experimentation in a variety of media to include but not be limited to clay, plaster, cardboard, wood and steel. Limited to 15 students. (AR 209 and AR 210.) Mr. Nelson

AR 400 THE ART WORK AND THE WORD. Spring.

(AR 401 SEMINAR IN MODERN ART)

(AR 403 SEMINAR IN MODERN ARCHITECTURE)

AR 405 SEMINAR IN BAROQUE ART: THE LIFE AND WORK OF REMBRANDT. Spring. New Course. This course will focus upon the 17th century Dutch painter Rembrandt van Rijn. After surveying his life and work, we will examine many of his great masterpieces including "The Night Watch," "The Anatomy Lesson of Dr. Tulp" and "The Syndics." Special attention will also be given to his lifelong fascination with certain religious themes and his remarkable series of self-portraits. Limited to 12 students. Mr. Wilson.

(AR 406 SEMINAR IN RENAISSANCE ART)

(AR 407 SEMINAR IN AMERICAN ART)

(AR 408 SEMINAR IN PRIMITIVE ART: THE ART OF OCEANIA)

(AR 409 ART MUSEUMS: THEORY AND PRACTICE)

(AR 410 SEMINAR IN ICONOGRAPHY)

AR 510 ADVANCED STUDIES IN ART HISTORY

AR 520 ADVANCED STUDIES IN STUDIO

AR 710 SENIOR INDEPENDENT STUDY IN ART HISTORY

AR 720 SENIOR INDEPENDENT STUDY IN STUDIO

AR 730 SENIOR INDEPENDENT STUDY IN ARCHITECTURAL DESIGN

BIOLOGY

Professors: George Saul, Christopher Watters. Associate Professors: C. Randall Landgren, Tom Root. Assistant Professors: Sallie Sheldon, Pamela Small, Stephen C. Trombulak. Assistant: H. Peter Wimmer.

Major Program. Change all references to "BI 125" to: "BI 125 or BI 175".

Under Honors Program, replace the first sentence with: Students with an average of 3.0 or better in department courses other than BI 500 and BI 600 may apply for departmental honors after one term of independent study (BI 500).

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 028 HUMAN NUTRITION. Fall. Mr. Watters.

BI 102 SCIENCE IN SCIENCE FICTION. Spring. Readings will include both historic and contemporary authors not yet identified. Mr. Trombulak.

BI 111 WRITING ON NATURE. Spring.

*+ BI 125 INTRODUCTION TO BIOLOGY. Fall. New Description. A discussion of the fundamental principles leading to an understanding of the biology

of organisms. Topics to be discussed include cellular structure and function, genetics, evolution and the structure and function of a wide variety of organisms. Laboratories will supplement and complement lectures. Students with advanced high school preparation in biology may find it advantageous to bypass this course and elect others in biology for which this is a prerequisite. Those wishing to follow this option should take the AP examination or the departmental proficiency examination which is given during the fall and winter freshman orientation programs. 3 hrs. lect., 3 hrs. lab. Mr. Root, Mr. Saul, Ms. Small.

*BI 130 MAN AND DISEASE. Fall.

(BI 175 MODERN BIOLOGY)

*BI 190 GENERAL ECOLOGY. Spring. New Prerequisites. (Not open to junior or senior majors.)

(BI 201 INVERTEBRATE BIOLOGY). Offered in Fall 1989.

+BI 202 VERTEBRATE LIFE. Spring.

+BI 203 BOTANY. Spring. A detailed notebook of laboratory work is no longer included in this course.

(BI 205 DEVELOPMENTAL BIOLOGY)

BI 216 ANIMAL BEHAVIOR. Fall. New Description. The behavior of animals and humans studied from the perspectives of genetics, physiology, evolution and other biological determinants. Following an introduction to the history and methods of animal behavior, the course will examine individual and social behaviors such as feeding, courtship, mating, parental care, defense and migration. We will use examples of live animals from field trips and lab studies to illustrate such processes as instinct, learning, displacement, imprinting and communication. Recent controversies about behaviorism, intelligence and sociobiology will serve as discussion topics, and students will design their own research projects. 3 hrs. lect., 3 hrs. lab. (BI 125 or BI 175 or BI 190.) Mr. Root.

BI 225 HUMAN GENETICS. Fall.

+BI 230 MICROBIOLOGY. Fall.

+BI 250 ORGANELLES AND CELLS: AN INTRODUCTION TO CONCEPTS AND METHODOLOGY. Spring.

BI 302 VERTEBRATE FIELD BIOLOGY. Fall.

BI 314 MOLECULAR GENETICS. Spring.

BI 325 APPLIED GENETICS. Spring.

BI 330 PATHOGENIC MICROBIOLOGY. Spring.

BI 360 PRACTICAL CELL BIOLOGY. Fall. New Description. The application of advanced laboratory techniques to the study of cells and their organelles. The course will focus on the isolation and characterization of cellular fractions and will include studies of endocytosis, assays of "marker" enzymes, and in vitro protein synthesis. Discussions and papers will emphasize the design of experiments and critical interpretation of data. Among other techniques, students will be introduced to autoradiography, flourescence microscopy, differential and density-gradient centrifigation, liquid scintillation spectrometry, gel electrophoresis and chromatographic methods, and the safe usage of radioisotopes. (BI 250 and CH 241, or CH 222 or permission.) 4 hrs. disc. and lab. Mr. Watters.

BI 370 HUMAN AND ANIMAL PHYSIOLOGY. Spring. New Description. This course examines the biological principles that govern the function of our own bodies, and compares these to the physiology of many different animals. Lectures stress how animals are adapted to a variety of habitats and also how they are capable of responding to a range of environments (e.g., high-altitude, deep-sea, desert and polar conditions). In

addition to normal physiology, computer simulations will illustrate physiological problems such as artificial organs, heavy exercise, stress and disease. Laboratories will emphasize laboratory skills of gathering, analyzing and reporting data. We will study respirometry, osmometry, electrophysiology (EKG, EEG, and neural signals), computerized data acquisition, and perform experiments involving cardiac function, muscle physiology, endocrinology, thermoregulation, field studies and small animal surgery. (BI 250 or permission.) Mr. Root.

BI 375 RADIATION BIOLOGY. Deleted.

BI 390 ADVANCED ECOLOGY. Fall.

BI 391 METHODS IN ECOLOGY. Fall.

BI 402 VERTEBRATE REPRODUCTION. Fall. New Description. The evolution of reproductive patterns in vertebrates will be discussed from physiological, behavioral and ecological perspectives. Emphasis will be on using the diversity of reproductive patterns exhibited by vertebrates to understand how environment and phylogeny influence reproductive strategies. Several topics will be considered, including rates and methods of development, extent of parental care, allocation of reproductive effort and the evolution of life-history traits. Students will be required to make occasional oral presentations to the class and write one critical paper. (BI 202 or permission.) 3 hrs. lect. and disc. Mr. Trombulak.

(BI 404 PHYSIOLOGICAL ECOLOGY OF ANIMALS)

BI 411 ECOLOGY SEMINAR. Spring.

BI 425 ADVANCED GENETICS. Fall.

BI 440 MEMBRANE BIOLOGY. Spring. New Description. Membranes both organize the diverse aspects of cellular life and are themselves one dynamic manifestation of that life. We will critically examine various membrane functions in cellular biology and pathology, through the study of current research in cellular morphology, adhesion and metastasis, the infection and replication of enveloped animal viruses, ion transport and the synthesis of ATP during oxidative and photosynthetic phosphorylation. Students will prepare brief oral presentations of primary literature and write one critical review of a journal article. (BI 250 or permission.) 3 hrs. lect. and disc. Mr. Watters.

BI 470 PHYSIOLOGY OF BEHAVIOR. Spring. New Description and New Prerequisites. Replace final two sentences with: Demonstrations cover basic neurophysiological techniques and duplicating techniques described in research papers and student presentations. (BI 250 and either BI 216 or BI 370, or permission.)

(BI 480 NEURAL AND NEUROMUSCULAR DISORDERS). Offered in Spring 1990.

BI 500 ADVANCED STUDY. Fall, Winter, Spring.

BI 900 RESEARCH AND THESIS. Fall, Winter, Spring.

+ = Available with or without lab to non-majors.

CHEMISTRY AND BIOCHEMISTRY

Professors: Robert W. Gleason (chair). Associate Professor: Maggie O'Brien. Assistant Professors: Jeffrey Byers, Sunhee Choi, James Larrabee, Stephen F. Sontum.

Major Program. All references to chemistry should be changed to chemistry and biochemistry.

Replace the first paragraph of the program description with: The program required of chemistry and biochemistry majors provides a firm foundation in the principles of the discipline. Each student builds on this foundation by choosing elective courses that best meet individual special interests and career objectives which might include secondary-school education, a position in industry or study for an advanced degree in

graduate or professional school. Although non-majors may take any 100- or 200-level laboratory course without the laboratory, courses constituting a part of a major in chemistry and biochemistry must be taken with laboratory. Those majoring in sciences other than chemistry are strongly encouraged to take the laboratory portions of all chemistry courses taken. The Department of Chemistry and Biochemistry is accredited by the American Chemical Society and students taking the appropriate electives may be certified by the Society.

Under For a major in Biochemistry, note that the three electives may be chosen with an adviser's approval from the Departments of Chemistry and Biochemistry or Biology.

Following the paragraph, For a joint major in Biology and Chemistry, add: Chemistry, Biochemistry and the join Biology/Chemistry programs are among the most highly structured majors at Middlebury. It is imperative that students considering or planning to pursue one of these majors complete CH 104 by the end of the freshman year. A recommended program of study for those considering Chemistry or Biochemistry is shown below. While it is possible to complete these majors without rigidly adhering to the following schedules, students who do not follow these schedules are frequently unable to take full advantage of our senior thesis program. Spring term freshmen considering these majors should speak to the department chair upon enrollment in order to plan a program of study.

Chemistry

Freshman		Sophomore	
Fall	Spring	Fall	Spring
CH 103	CH 104	CH 241	CH 242
MA 112	MA 113	PH 109	PH 110
Junior		**Senior**	
Fall	Spring	Fall	Spring
CH 311	CH 312	CH 400	CH 700
CH 351	CH 352	CH Elective	CH 431

Biochemistry

Freshman		Sophomore	
Fall	Spring	Fall	Spring
CH 103	CH 104	CH 241	CH 242
MA 112	MA 113	PH 109	PH 110
Junior		**Senior**	
Fall	Spring	Fall	Spring
CH 222	CH 313	CH 425	CH 700
CH 311	CH 351	CH 400	

Biochemistry majors wishing to develop a strong biology background are encouraged to take BI 125 during the freshman year and BI 250 during the sophomore year.

The remainder of the major program copy remains as is with the following exceptions:

Add CH 442 to the list of courses that students with a professional interest in chemistry are encouraged to take.

Note that to be eligible for Highest Honors, a student's average in chemistry must be 3.85-4.0.

FRESHMAN SEMINARS

Descriptions for the following two courses will appear under Freshman Seminars in the official Catalog:

FS 012 THE NATURE OF SCIENCE THROUGH AN EXAMINATION OF CONCEPTS, LAWS AND THEORIES. Fall. Mr. Gleason.

FS 018 FOOD CHEMISTRY. Fall. Ms. Choi.

*CH 103 FUNDAMENTALS OF CHEMISTRY I. Fall, Spring. Mr. Sontum (Fall), Mr. Gleason (Spring).

*CH 105 Same as CH 103 but without the laboratory.

CH 104 FUNDAMENTALS OF CHEMISTRY II. Fall, Spring. Mr. Larrabee (Fall), Mr. Byers (Spring).

CH 106 Same as CH 104 but without the laboratory.

*CH 170 CHEMISTRY FOR CITIZENS. Spring. 3 hrs. lect., 1 College Writing section.

*CH 172 ENVIRONMENTAL CHEMISTRY: THE CHEMISTRY AROUND US. Deleted.

CH 222 BIOCHEMISTRY AND MOLECULAR BIOLOGY. Fall.

CH 230 BIOINORGANIC CHEMISTRY. Spring. Replace the final three sentences of the course description with: This will be followed by an in-depth examination of specific biological systems, including oxygen-carrying molecules (hemoglobin, myoglobin, hemerythrin, hemocyanin); coenzymes such as vitamin B-12, nitrogenase, cytochrome P-450, cytochrome oxidase and the electron-transport cytochromes b and c, zinc enzymes and copper proteins. Mr. Larrabee.

CH 241 ORGANIC CHEMISTRY I. Fall, Winter. Mr. Gleason (Fall), Mr. Gleason, Mr. Larrabee (Winter).

CH 242 ORGANIC CHEMISTRY II. Spring.

CH 247, 248 Same as CH 241, 242 but without the laboratory. Students majoring in the sciences cannot elect CH 247 or CH 248 without permission of the instructor.

CH 261 NUCLEAR CHEMISTRY. Spring. New Course. The course will begin with a survey of the development of our current understanding of the nature of the atom and the atomic nucleus and the characterization of subatomic particles. This will be followed by an examination of several topics which will vary from year to year. Among these are the radioactive decay series, nuclear fission, nuclear fusion, atomic energy, man-made nuclides, scintillation counting, radiocarbon dating, medical applications of radioactive nuclides and health effects of radiation. (CH 103.) 3 hrs. lect. Mr. Gleason.

CH 311 ADVANCED CHEMISTRY LABORATORY I. Fall, Spring. Change in Description. Replace first sentence with: An introduction to modern analytical and experimental chemistry with an emphasis on practice and application of instrumental methods of chemical analysis. Mr. Sontum, Mr. Larrabee.

CH 312 ADVANCED CHEMISTRY LABORATORY II. Fall, Spring. Change in description. Replace final sentence with: Laboratory exercises will involve kinetic measurements, nuclear magnetic resonance and infrared methods of analysis. Mr. Sontum, Mr. Larrabee.

CH 313 ADVANCED CHEMISTRY LABORATORY III. Spring.

CH 341 ORGANIC CHEMISTRY III. Fall. New Description. An in-depth laboratory experience beginning with the identification of organic compounds, both pure and as mixtures, with heavy reliance on modern instrumentation such as infrared, nuclear magnetic resonance and mass spectroscopy. Lectures will discuss spectroscopy and introduce techniques and instrumentation not covered in CH 241-242. The course will culminate in a major independent research project which will bring together everything the student has learned about operating in an organic laboratory. (CH 242.) 6 hrs. lab., 1 hr. disc. Breakage fee. Mr. Byers.

CH 351 PHYSICAL CHEMISTRY I. Ms. Choi.

CH 352 PHYSICAL CHEMISTRY II. Spring. Ms. Choi.

CH 400 SEMINAR IN CHEMICAL RESEARCH. Fall. Mr. Byers.

CH 425 ADVANCED BIOCHEMISTRY. Fall. Ms. O'Brien, Mr. Byers.

CH 431 ADVANCED INORGANIC CHEMISTRY. Spring. New Description. An in-depth study of atomic structure and bonding theories applicable to inorganic chemistry, including valence bond, molecular orbital, ligand field and crystal field theories for coordination complexes. Inorganic application of symmetry and group-theory. Reaction mechanisms for inorganic complexes. (CH 351.) 3 hrs. lect. Mr. Larrabee.

(CH 442 ADVANCED ORGANIC CHEMISTRY)

CH 452 PHYSICAL CHEMISTRY III. Spring. New Description. Special topics in physical chemistry. Mr. Sontum.

CH 500 INDEPENDENT STUDY PROJECT. Winter and Spring.

CH 700 SENIOR HONORS THESIS. Winter and Spring.

CH 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.

CHINESE

Professor: John Berninghausen. Assistant Professors: Catherine Campbell, Clara Yu. Lecturer: Gregory Chiang (on leave winter and spring). Visiting Lecturer in Chinese and Art: Jen-mei Ma.

Major Program. Add the following to the first paragraph: Classical Chinese is also taught at the advanced level.

Add the following after the first paragraph: Qualified students may elect to spend all or part of their junior year abroad at approved language-training programs in mainland China or Taiwan. Credit is given on the basis of tests taken upon return to Middlebury. It is also possible to earn credit by taking Chinese in Middlebury's intensive summer program. All students interested in these programs should consult with the department chair during or before the fall semester of sophomore year. All those planning to study Chinese should begin as early as possible, preferably during their first semester at Middlebury.

Under Honors, replace the material relating to the senior thesis with: Students will enroll in CS 700 in the winter and spring of the senior year for the writing of their theses. At least one copy of the thesis is due no later than noon on the last Friday before spring vacation. A thesis turned in the day after spring vacation will be accepted but will not qualify the student for departmental honors.

FRESHMAN SEMINARS
Descriptions of the following two courses will appear under Freshman Seminars in the official Catalog:

FS 003 WAR IN LITERATURE, EAST AND WEST. Fall. Ms. Campbell.

FS 051 LITERATURE AND REVOLUTION. Spring. Mr. Berninghausen, Mr. Veguez.

CS 101 BEGINNING CHINESE. Fall. Mr. Berninghausen.

CS 102/WT BEGINNING CHINESE. Winter. Ms. Yu, Ms. Ma.

CS 102 BEGINNING CHINESE. Spring. Mr. Berninghausen.

CS 114 WAR IN LITERATURE: EAST AND WEST. Deleted. Note: This course has been changed to FS 003.

*CS 133 MASTERWORKS OF CHINESE LITERATURE AND CIVILIZATION. Spring. New Description. An introduction through English translation of early literary, historical and philosophical texts which formed the basis of traditional Chinese culture. Included in this course will be readings from the Book of Odes, the Confucian classics, Taoist literature, the Songs of the South, Sima Qian's Records of the Grand Historian, The Romance of the Three Kingdoms, and Tang Dynasty "tales of the mysterious." No previous exposure to East Asian culture nor any knowledge of Chinese language needed. Ms. Campbell.

CS 201 INTERMEDIATE CHINESE. Fall.

CS 202 INTERMEDIATE CHINESE. Spring. Ms. Campbell.

CS 216 TRADITIONAL CHINESE FICTION IN TRANSLATION. Fall.

CS 220 MODERN CHINESE FICTION IN TRANSLATION. Spring. New Description. A selection of 20th century novels and short stories from China. Chosen from works of literary merit and social significance, the readings will include works by Lu Xun, Mao Dun, Lao She, Hwang Chunming and others. Discussion will center on the literary, historical and social contexts of both authors and works as well as on the evolution of modern genres and styles. Ms. Campbell.

(CS 225 CLASSICAL CHINESE POETRY IN TRANSLATION)

CS 260 INTRODUCTION TO LITERARY THEORY AND CRITICISM. Fall. New Description. Starting with an examination of several important concepts of literary theory, this course seeks to better acquaint the student with a variety of different approaches and critical terminology that may be applied to the analysis of literary texts. Although poetry and poetics will be touched upon, this course will center upon the discussion of several critical methods used in analyzing literary prose narratives as well as application of those methods by students in the analysis of selected works of fiction. Discussion format with limited enrollment. This course is also listed as LS 260. (Open only to sophomores, juniors and seniors.) Mr. Berninghausen.

CS 301 ADVANCED CHINESE (MODERN CHINESE). Fall.

CS 302 ADVANCED CHINESE (MODERN CHINESE). Spring. Ms. Yu.

CS 400 ADVANCED READINGS, CONVERSATION AND WRITING (MODERN CHINESE). Fall.

CS 401 CLASSICAL CHINESE: INTRODUCTION TO WENYAN (IN CHINESE). Fall.

CS 402 CLASSICAL CHINESE: INTRODUCTION TO WENYAN (IN CHINESE). Spring. Ms. Ma.

(CS 420 MODERN NARRATIVE AND COMPOSITION (IN CHINESE))

CS 425 SEMINAR ON CONTEMPORARY CULTURE AND LANGUAGE (IN CHINESE). Fall. New Description. Intensive study of significant readings in Chinese culture and language along with a few literary texts. Emphasis will be given to further developing the student's writing skills while maintaining oral fluency. Several compositions required. Videotapes will accompany this course. (CS 400 or equivalent.) Mr. Chiang.

CS 475 SENIOR SEMINAR ON CHINESE FICTION (IN CHINESE). Spring.

CS 700/WT SENIOR THESIS. Winter.

CS 700 SENIOR THESIS. Spring.

CLASSICAL STUDIES PROGRAM

Major Program. Replace first two paragraphs with: The Classical Studies Program is designed to offer a broad, rigorous general education based on the careful study of fundamental Classical works of history, philosophy and literature. The interdisciplinary nature of the study is reflected by a teaching staff which includes faculty in the departments of Classics, Philosophy, Political Science, English, American Literature, Religion and Art.

Under Required for the Major in Classical Studies:
A. No Change
B. Replace with: Six courses in Classical Studies chosen from:
*CL 121 CLASSICAL TRADITION OF LIBERAL ARTS AND SCIENCES
*CL 131 HISTORY OF CLASSICAL GREECE
*CL 132 HISTORY OF ROME

*CL 150 THE ANCIENT EPIC
*CL 152 GREEK TRAGEDY
(CL 155 GREEK AND ROMAN COMEDY)
*CL 175 GREEK PHILOSOPHY
(CL 317 PLATO)
CL 450 HISTORY OF CLASSICAL LITERATURE
AR 311 ANCIENT ART
AR 312 ROMAN ART
(EL 227 GREEK COMEDY)
*PA 201 ANCIENT AND MEDIEVAL PHILOSOPHY
PA 402 ARISTOTLE
*PS 101 INTRODUCTION TO POLITICAL SCIENCE
PS 317 CLASSICAL POLITICAL PHILOSOPHY
PS 409 SEMINAR IN POLITICAL PHILOSOPHY
*RE 110 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT
C. Add: CL 500 ADVANCED READING IN LATIN OR GREEK
D. No Change
E. No Change

CLASSICS

Professor: Eve Adler (on leave all year). Associate Professor: Ursula Heibges. Visiting Associate Professor: Bonnie Catto. Assistant Professor: Jonathan Price (acting chair). Instructors: Robert Schine, Marc Witkin.

COURSES IN ENGLISH

CL 112 INTRODUCTION TO GREEK CIVILIZATION. Deleted.

CL 113 INTRODUCTION TO ROMAN CIVILIZATION. Deleted.

*CL 118 POLITICAL HISTORY AND THEORY OF GREECE AND ROME. Deleted.

(*CL 121 THE CLASSICAL TRADITION OF THE LIBERAL ARTS AND SCIENCES)

*CL 131 HISTORY OF CLASSICAL GREECE. Fall. Now a Foundations Course.

*CL 132 HISTORY OF ROME. Spring. Now a Foundations Course.

*CL 150 THE ANCIENT EPIC. Fall. New Description. A study of Homer's Iliad and Odyssey, Lucretius' On the Nature of Things and Vergil's Aeneid. This course concentrates on the teaching of these poets about the heroic life. No previous knowledge of classical literature is assumed. Ms. Catto.

*CL 152 GREEK TRAGEDY. Spring. Mr. Witkin.

*CL 175 GREEK PHILOSOPHY. Fall. New Description. The course attempts to comprehend the contemporary crisis of the human sciences by returning to the first manifestation of that crisis in Greek antiquity. The possibility that knowledge of "nature" is the ground for self-knowledge and for the rational validation of men's highest aims is traced from Homer and Hesiod, the pre-Socratics, and Herodotus through Plato and Aristotle. Particular attention is paid to the problem that the natural first emerges from within the political horizon, and hence to the question why Socrates made the crucial turn from the study of natural phenomena to political phenomena. Mr. Witkin.

CL 220 INTRODUCTION TO GREEK SCIENCE. Deleted.

CL 320 STYLE AND MEANING IN SCIENTIFIC WRITING. Deleted.

CL 450 HISTORY OF CLASSICAL LITERATURE (IN TRANSLATION). Fall. Ms. Catto.

GREEK

CL 103 BEGINNING GREEK. Fall. New Description. Intensive introduction to the rudiments of Classical Greek, for beginners. The aim of the course is to prepare students to read the major Greek authors. Mr. Price.

CL 204 INTERMEDIATE GREEK. Spring. New Description. A continuation of CL 103. Completes the rudiments of Greek grammar and introduces students

to intensive readings selected from such authors as Plato, Homer, New Testament. Mr. Witkin.

(CL 303 GREEK LITERATURE: HOMER AND HERODOTUS)

(CL 304 GREEK LITERATURE: PLATO AND TRAGEDY)

CL 403 ADVANCED GREEK I. Fall. New Title and Description. Readings in Greek Literature. Mr. Witkin.

CL 404 ADVANCED GREEK II. Spring. New Title and Description. Readings in Greek Literature. Ms. Catto.

LATIN

(CL 101 BEGINNING LATIN)

(CL 202 INTERMEDIATE LATIN)

CL 301 LATIN PROSE. Fall. New Description. Readings selected from Caesar, Cicero, Livy. Mr. Witkin.

CL 302 LATIN POETRY. Spring. Readings selected from Vergil, Ovid and lyric poetry. Staff.

(CL 401 READINGS IN LATIN LITERATURE I)

(CL 402 READINGS IN LATIN LITERATURE II)

CL 500 ADVANCED READING IN LATIN. Fall. Spring. New Course. Reading in major authors. Staff.

HEBREW

(CL 105 INTRODUCTION TO HEBREW)

(CL 206 INTERMEDIATE HEBREW)

CL 305 READINGS IN THE HEBREW BIBLE I. Fall. New Description. This course stresses achieving a mastery of grammar and fluency in reading Biblical prose and poetry through study of selected Biblical texts. Mr. Schine.

CL 306 READINGS IN THE HEBREW BIBLE II. Spring. New Course. A continuing course introducing use of critical apparatus (comparison of ancient versions and translations) and questions pertaining to the history of the Hebrew language and of the Biblical text. Mr. Schine.

(CL 406 ADVANCED HEBREW STUDIES)

SENIOR COURSES

CL 420 SEMINAR IN CLASSICAL LITERATURE. Spring.

CL 700 SENIOR ESSAY FOR CLASSICAL STUDIES MAJORS. Fall. Spring.

CL 701 GENERAL EXAMINATION FOR CLASSICAL STUDIES MAJORS. Fall.

CL 705 SENIOR ESSAY FOR CLASSICS MAJORS. Fall. Spring.

CL 706 GENERAL EXAMINATION FOR CLASSICS MAJORS. Fall.

COMPUTER SCIENCE

Replace all copy with the following:

The program in Computer Science at Middlebury is designed with the goal of providing a solid foundation in computer science. This goal is met by a wide variety of course offerings in the Department of Mathematics and Computer Science. Middlebury College now offers both concentrations in computer science and a major in computer science in the Department of Mathematics and Computer Science.

Several courses in computer science meet the foundations course requirement for the Natural Sciences Division; they include MA 103 (Introduction

to Computers), CX 213 (Computer Science I), and NS 128 (Cryptology). Other elementary computer courses include MA 127 (Elementary Computer Simulation). Detailed descriptions of these courses, as well as the more advanced courses. appear in the course listings for the Department of Mathematics and Computer Science. It is expected that students desiring a single course which provides a broad overview of computing and computers will elect MA 103. Students desiring an in-depth knowledge of computers and programming methodology, or those who wish to fulfill a concentration or major in computer science will elect CX 213.

Concentrations: A number of concentrations have been designed in the computer science area. Most begin with CX 213 and CX 214. These courses together provide a thorough understanding of important concepts and methods in computer science. The third and fourth courses in a computer science concentration may be taken from any of several related areas, and are designed to introduce the student to one of many areas of computer science or its applications. These courses include MA 200, MA 310, MA 311, MA 315, MA 318, as well as the following computer science courses: CX 322, CX 326, CX 328, CX 341, CX 343, CX 345, CX 421, and CX 423.

Major: The Department of Mathematics and Computer Science offers a major in computer science. Students who elect this major take an introductory sequence of core courses and a variety of upper level electives balanced among systems, theory, and applications, and do their senior work in computer science. Students should consult the catalog listings for the Department of Mathematics and Computer Science for further details.

CREATIVE AND EXPOSITORY WRITING

Replace all copy related to the College Writing Requirement with: After completing a Freshman Seminar, every student must elect, within the next two semesters, at least one course designated as a Writing Intensive course. Departments in all divisions offer such courses. The student with a special interest in creative writing may satisfy this College Writing requirement by taking an introductory course in the writing of poetry or fiction that will also serve as a prerequisite for additional creative writing courses. (See College Writing Program for further information.)

PROGRAM IN EAST ASIAN STUDIES

Participating Faculty: Hiroshi Miyaji (chair) (Philosophy and Culture),Ellen Basu (Sociology/Anthropology), John Berninghausen (Chinese Language and Literature), Gregory Chiang (Chinese Language and Literature), Nicholas Clifford (History), Linda Keenan (Japanese Language and Literature), Donald Lopez (Religion), Jen-mei Ma (Chinese Language and Literature), David Rosenberg (Political Science), Mutsuko Simon (Japanese Language), Don Wyatt (History), Clara Yu (Chinese Language and Literature).

Replace all copy, beginning with paragraph two, with: Requirements for the East Asian Studies Major : The East Asian Studies major will be expected to acquire basic language proficiency, oral and written, in either modern Chinese or Japanese. Coursework in spoken and written Chinese and Japanese may be taken at Middlebury during the regular academic year, and in the Middlebury summer intensive program. In most cases, some language study at the level of CS 302 or JA 302 or above is taken at certain language training programs or centers in Japan, Taiwan or the People's Republic of China.

Each EAS major is expected to select a probable senior thesis adviser from the faculty members participating in this program and to discuss his/her proposed course of study with the program chair and the senior thesis adviser by the junior year.

In this program, departmental Honors for majors will be awarded as follows: Honors for a thesis graded B+ or higher with at least a 3.3 average in all EAS courses, High Honors for a thesis graded A- or A with at least a 3.55 average in all EAS courses, Highest Honors for an A thesis with at least a 3.7 average in EAS courses.

PROGRAM OF STUDY

Courses in English: Each East Asian Studies major will take a total of seven courses from the following list. Other courses may, with the permission of the program chair, be counted toward the major. (Please note that the list is subject to periodic revision.)

AR 103 INTRODUCTION TO FAR EASTERN ART
CS 133 MASTERWORKS OF CHINESE LITERATURE AND CIVILIZATION
CS 216 TRADITIONAL CHINESE FICTION IN TRANSLATION
CS 220 MODERN CHINESE FICTION IN TRANSLATION
CS 225 CLASSICAL CHINESE POETRY IN TRANSLATION
CS 420 MODERN NARRATIVE AND COMPOSITION
CS 475 SENIOR SEMINAR IN CHINESE FICTION (IN CHINESE)
HI 235 MODERN EAST ASIA: 1750-1912
HI 236 MODERN EAST ASIA: 1912-1976
HI 331 IMPERIAL CHINA
HI 332 MODERN CHINA
HI 333 CHINESE INTELLECTUAL HISTORY
HI 334 CHINESE INSTITUTIONAL HISTORY
HI 335 TRADITIONAL JAPAN
HI 336 MODERN JAPAN
HI 409 READING IN ASIAN HISTORY
HI 426/EA 400 WRITING AND RESEARCH, EAST ASIA
JA 216 TRADITIONAL JAPANESE LITERATURE IN TRANSLATION
JA 220 NOVEL AND THE NOVELISTS IN MODERN JAPAN
PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA
PA 256 TOPICS IN JAPANESE PHILOSOPHY
PS 220 ASIAN POLITICS
PS 430 SEMINAR IN U.S.-ASIAN RELATIONS
RE 115 INTRODUCTION TO EASTERN RELIGIOUS THOUGHT
(RE 211 THE BUDDIST TRADITION: CHINA AND JAPAN)
(RE 215 SHINTO: JAPANESE INDIGENOUS RELIGIOUS BELIEFS)
SA 335 CHINESE SOCIETY AND CULTURE
TH 237 JAPANESE CINEMA
EA 500 INDEPENDENT STUDY
EA 700 SENIOR THESIS

Among the seven courses, three are required of all majors:

HI 331 IMPERIAL CHINA
HI 426/EA 400 WRITING AND RESEARCH, EAST ASIA
EA 700 SENIOR THESIS

The fourth course must deal with Japan (HI 335, HI 336, JA 216, JA 220, PA 253, PA 256, RE 215).

The fifth course must deal with the modern period (HI 332, HI 333, SA 335, PS 220, PS 430, HI 235, HI 236).

The sixth and seventh courses are electives.

Language Study: The East Asian major will complete a total of five regular credits plus one winter term credit in the Chinese or Japanese language training program (listed below) preparatory to direct cultural experience and intensive language training in an approved structured program in Japan, Taiwan or the People's Republic of China. For Chinese students, the overseas language and cultural course work should earn either 3 or 4 credits depending upon whether the student goes for a single regular term or a regular term and a winter term. It is possible to earn 9 credits for three quarters of successful advanced language study completed at the Inter-University Program for Chinese Language Studies in Taipei, Taiwan. Chinese students at other programs may, upon returning from overseas, be given a test to determine the number of credits to be awarded.

Japanese students are encouraged to spend the full junior year doing language study and cultural work in an approved program in Japan. 9 credits will be awarded for successful completion of such a program.

Overseas study for Middlebury credit is usually restricted to the junior year, but exceptions are sometimes made for seniors. The foreign study

requirement may be waived with the permission of the program chair and Middlebury courses substituted.

CHINESE LANGUAGE COURSES
CS 101-102/WT-102 BEGINNING CHINESE. Fall, Winter, Spring.

CS 201-202 INTERMEDIATE CHINESE. Fall, Spring.

CS 301-302 ADVANCED CHINESE. Fall, Spring.

plus other language credits earned in East Asia.

JAPANESE LANGUAGE COURSES
JA 101-102 BEGINNING JAPANESE. Fall, Winter, Spring.

JA 201-202 INTERMEDIATE JAPANESE. Fall, Spring.

JA 301-302 ADVANCED JAPANESE. Fall, Spring.

plus other language credits earned in Japan.

Senior Thesis : All EAS seniors will take HI 426/EA 400 in the fall of the senior year. During the first month of the fall semester, each East Asian Studies senior will declare a thesis topic (in consultation with the thesis adviser) which seeks to explore one central problem or question within a closely defined scope and limited area/time period/methodological framework. In most cases, some primary or secondary sources in an East Asian language are to be covered in the thesis. Students will enroll in EA 700 in the winter and spring of the senior year for the writing of their theses. At least one completed copy of the senior thesis is to be submitted to the program chair no later than noon on the last Friday before spring break. A thesis that is submitted late will not be eligible for Honors.

ECONOMICS

Professors: Michael Claudon, Richard Cornwall (chair), John Weeks. Christian A. Johnson Distinguished Professor: David Colander. Associate Professor: Paul Sommers. Assistant Professor: Phanindra Wunnava. Instructors: Neil Leary, Daniel Nolle, Catherine Sokil, Joanna Woos. Visiting Instructor: Sheldon Sax.

Major Program. Under Honors for Joint Majors, please note that a B average is equivalent to a grade point of 3.0 on the 4 point scale.

Under International Major, delete the asterisk after MA 112, EC 150 and EC 155.

Under II. ECONOMICS JOINT MAJORS AND CONCENTRATIONS , replace EC 410 with EC 311.

Under III. POST-GRADUATE PREPARATION, replace EC 410 with EC 311.

FRESHMAN SEMINARS
Descriptions for the following two courses will appear under Freshman Seminars in the official Catalog:

FS 005 CAPITALISM, FREEDOM AND DEMOCRACY. Fall. Mr. Colander

FS 007 DISCRIMINATION: WHY DOES IT PERSIST? Fall. Mr. Cornwall.

EC 100 INTRODUCTION TO ECONOMICS. Fall. New Title and Description. This course introduces the grand themes and major historical and philosophical developments in economics. The development over centuries of capitalism from its origins in the manorial economy of feudalism coincided with the establishment of markets and property rights in land, capital and labor-services. This evolution is seen as part of a shifting balance between market-governed economic transactions, on the one hand, and politically governed economic transactions, (e.g., within firms, and within governmental planning organizations) on the other hand. This framework permits a comparison of alternative contemporary economic

systems: capitalism, communism, democratic socialism and traditional economies. Mr. Cornwall.

EC 150 INTRODUCTORY ECONOMICS (MACRO). Fall, Spring.

EC 155 INTRODUCTORY ECONOMICS (MACRO). Fall, Spring.

EC 210 ECONOMIC STATISTICS. Fall. Mr. Sommers.

EC 211 ECONOMIC STATISTICS: INTRODUCTION TO REGRESSION ANALYSIS. Spring.

EC 230 THE SOVIET ECONOMY. Spring. New Description. This course contrasts allocation of resources and economic performance in Soviet-type economies with market economies in theory and practice. The course examines the theoretical roots and changing economic system of the USSR from Lenin to Gorbachev. East European and Chinese variants are compared and contrasted with reforms under Gorbachev. The role of the Soviet Union and other centrally planned economies in the world economy is discussed, in terms of membership in international institutions and share of East-West trade in global trade and capital flows. (EC 150 or 155 or permission.) Ms. Sokil.

EC 300 CURRENT PROBLEMS IN ECONOMIC POLICY. Fall. Mr. Colander.

EC 310 ECONOMICS OF INVESTING IN SECURITIES. Fall.

EC 311 APPLIED ECONOMETRICS. Fall.

EC 315 ACCOUNTING. Fall, Spring. Staff.

EC 320 THE CORPORATION. Spring. New Description. A study of the economic and social roles played by the corporation - its goals, social responsibilities, management, and financing - and of entrepreneurship and market processes. (EC 150, EC 155, and EC 315.) Staff.

EC 325 ECONOMIC DEVELOPMENT, THEORY AND PRACTICE. Fall. New Title and Description. The process of economic growth and development is studied from theoretical and historical perspectives. Topics include basic growth theory, macroeconomic policy for developing countries, agricultural development, industrialization policy, poverty and distribution and structural adjustment policies and the debt burden. (EC 150, EC 155.) Mr. Weeks.

EC 330 COMPARATIVE ECONOMIC SYSTEMS. Fall. New Description. A comparative analysis of market-guided (including socialist), centrally planned and mixed economic systems and how they address problems of economic management, planning, coordination, development and equality in theory and practice. The latter part of the course will examine issues of international trade and economic relations among countries of differing economic systems. (EC 155.) Ms. Sokil.

(EC 340 INTERNATIONAL ECONOMICS: A POLICY APPROACH)

EC 350 MACROECONOMIC THEORY. Fall. Ms. Woos.

EC 355 MICROECONOMIC THEORY. Spring. Mr. Sommers.

(EC 360 URBAN/REGIONAL ECONOMICS)

EC 365 ENVIRONMENTAL ECONOMICS. Fall. Mr. Leary.

EC 394 THE ECONOMICS OF NATURAL RESOURCE MANAGEMENT. Deleted.

EC 405 PSYCHOLOGICAL FOUNDATIONS OF ECONOMIC BEHAVIOR. Deleted.

EC 410 ECONOMETRICS. Deleted.

(EC 411 ECONOMIC FORECASTING)

(EC 415 PUBLIC POLICY TOWARD BUSINESS (FORMERLY EC 465))

EC 420 ECONOMIC DEVELOPMENT OF LATIN AMERICA. Spring. New Title and Description. This seminar will survey dependency theory (including unequal exchange and dependent capitalist development), and neoclassical and Ricardian/Marxian critiques of that theory. Case studies will include a survey of Latin American economic history since the mid-19th century. The debt crisis of the 1980's will be examined including macroeconomic adjustment policies and liberalization. (EC 150, EC 155, EC 325, EC 350 or EC 355.) Mr. Weeks.

EC 421 ECONOMIC DEVELOPMENT OF AFRICA (SOUTH OF SAHARA). Spring. New Course. This seminar will survey the economic history of Africa and cover case studies of economic development in Africa. This survey will include the impact of the slave trade, the division of Africa into European spheres of influence (economic motivation, net economic benefits of colonialism, political economy of settler states), agricultural development (role of communal land tenure, role of marketing boards) and the macroeconomics of small open economies. (EC 150, EC 155, EC 325, EC 350 or EC 355.) Mr. Weeks.

(EC 430 INEQUALITY AND POVERTY)

EC 435 MODERN EUROPEAN SOCIALIST ECONOMIC THOUGHT. Fall. New Course. This course surveys the debates among European radical and socialist economists over the origin and nature of capitalist economic systems. While the course will refer to some major American writers, the center of the debates for the last twenty years has been either Britain, Italy or France. Topics covered include the transition from feudalism to capitalism, the value controversy, the theory of money, accumulation and crises, and the economic theory of Euro-communism. (EC 350.) Mr. Weeks.

EC 437 THE GOVERNANCE OF BUSINESS ENTERPRISE. Spring. New Title and Description. The corporate form of governing production has become dominant in capitalistic economies in the last century. What explanations can economists offer for this remarkable dominance of one type of institution? We shall explore the thoughts of early economists like Smith, Mill and Marx as well as recent work on the roles of financial markets and external and internal labor markets in shaping the governance of business. Each student will examine the historical record of the evolution of one firm. (EC 355.) Mr. Cornwall.

EC 440 THE ECONOMICS OF INTERNATIONAL TRADE. Fall. New Prerequisites. (EC 355.)

EC 445 INTERNATIONAL FINANCE. Spring. New Prerequisites. (EC 350.) Mr. Nolle.

(EC 450 HISTORY OF ECONOMIC THOUGHT)

EC 455 INDUSTRIAL STRATEGIES. Fall. New Prerequisites. (EC 211 and EC 355.)

EC 465 PUBLIC POLICY TOWARD BUSINESS. Changed to EC 415; see above.

(EC 470 PUBLIC FINANCE)

EC 475 MONETARY THEORY AND FINANCIAL INSTITUTIONS. Spring.

EC 480 LABOR ECONOMICS. Fall. New Description. The purpose of this course is to gain insights into life cycle aspects of modern labor economics. We begin with the development of static labor supply and demand, then develop the tools of decisions made in a dynamic life cycle framework to understanding earnings within the labor market. After understanding this process, we shall focus on earnings distribution, occupational distribution, and other important labor market phenomenon. In addition, life cycle union effects are studied. (EC 211 and EC 355 or permission.) Mr. Wunnava.

(EC 498 SEMINAR IN ECONOMIC ISSUES)

EC 500 INDIVIDUAL SPECIAL PROJECTS. Fall, Spring.
EC 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Fall, Winter, Spring.
EC 800 SENIOR RESEARCH FOR HONORS. Fall, Winter.

ENGLISH

Professors: Paul Cubeta (on leave all year), John Elder, Robert Hill, David Littlefield, Edward Martin (chair), Robert Pack, David Price, Henry Prickitt (fall and winter terms), John Wilders (fall and winter terms). Associate Professors: John Bertolini, Gary Margolis (part-time), Elizabeth Napier, Jay Parini. Assistant Professors: Julia Alvarez, Kathleen Skubikowski (part-time). Visiting Associate Professor: Sydney Lea (part-time). Visiting Assistant Professor: Cates Baldridge. Instructor: Diana Henderson. Visiting Lecturers: David Bain (part-time), Don Mitchell (part-time).

FRESHMAN SEMINARS
Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 011 IMAGES OF THE EARTH. Fall. Mr. Elder

FS 014 WOMEN IN LITERATURE: MYTHS, IMAGES AND INTERPRETATIONS. Fall. Ms. Henderson.

FS 019 WORDS. MUSIC, ACTION. Fall. Mr. Littlefield.

FS 029 SHAKESPEARE: DRAMATIST AND HISTORIAN. Fall. Mr. Wilders.

FS 054 SHEPHERDING AND THE IDEA OF THE PASTORAL. Spring. Mr. Mitchell.

FS 056 AMERICAN DRAMA: TEXTS, FILMS, CONTEXTS. Spring. Mr. Bertolini.

COLLEGE WRITING PROGRAM
EL 201, 107, 160, 170 AND 175 all satisfy the College Writing requirement. See descriptions below under "Literature" and "Writing" courses that are designated (CW).

EL 101 NARRATIVE FICTION. Deleted.

EL 102 PERCEPTION AND THE DREAMING MIND. Deleted.

EL 103 LYRIC AND NARRATIVE POETRY. Deleted.

EL 105 DRAMA. Deleted.

EL 125 SHAKESPEARE IN PERFORMANCE. Deleted.

(Note: Information on EL 107, 160, 170 and 175 may be found under WRITING, below.)

Major Program. Replace copy under Required for a Major in English with: 1) Interpretation of Literature: EL 201 and EL 202; 2) Distribution Courses: four courses in literature, one chosen from each of the following groups: (I) EL 301, 302, 303, 224; (II) EL 206, 304, 305, 306; (III) EL 207, 213; 314, AL 202, 301; (IV) EL 208, 309, 312, 229, 230; AL 302, 307; 3) Shakespeare (EL 225, 321, 421); 4) a Field (five courses, one of which is a seminar, in drama, novel, poetry, creative writing, or a Field defined by the student and approved by the Department); 5) the Senior Program.

Under Fields:
Drama: Change (3) to: EL 321 or EL 225
Change (4) to: EL 229 or EL 230 or an approved TH course or a drama course in a department other than English.

Novel: Change (4) to: AL 301 or AL 302 or EL/AL 309 or an approved fiction course in a department other than English.

Poetry: The Lyric Tradition: Change (4) to: EL/AL 312, or AL 306 or AL 307 or a poetry course in a dept. other than English.

Creative Writing-Poetry: No Change.
Creative Writing-Fiction and Nonfiction: Add to (4): EL 314, EL/AL 113, EL 114

LITERATURE

(*EL 110 CONTINENTAL FICTION)

(*EL 111 EUROPEAN DRAMA)

(*EL 112 MYTHOLOGIES TIMELESS AND TIMELY, TRADITIONAL AND CONTEMPORARY)

*EL/AL 113 VISIONS OF NATURE. Spring. New Description. Responses to nature over the past two centuries: themes to be followed include the Romantic connection of autobiography with landscape, the development of a wilderness ethic from the reevaluation of mountainous terrain, and the reemergence of natural history as a literary genre. Writings by Gilbert White, Wordsworth, Emerson, Thoreau, Darwin, John Muir, Clarence King, Mary Austin, J.W. Krutch, Aldo Leopold and A.R. Ammons as well as paintings by John Constable, Frederick Church, Martin Johnson Heade, Georgia O'Keeffe, and the photography of Ansel Adams and Eliot Porter. Mr. Elder.

(*EL 114 READING WOMEN'S WRITING)

EL 201, 202 INTERPRETATION OF LITERATURE. Note: EL 201 is a writing intensive course that meets the College Writing requirement.

EL 201 CHAUCER, SHAKESPEARE, MILTON (CW). Fall, Spring. New Prerequisites. (Open to sophomores and freshmen who have completed the Freshman Seminar requirement, who intend to major in English, American Literature and Civilization, or Literary Studies; open to other students, space permitting.)

EL 202 MAJOR POETS FROM THE EIGHTEENTH TO THE TWENTIETH CENTURY. Fall, Spring. Mr. Pack, Mr. Hill.

EL 206 EARLY ENGLISH NOVEL (II). Spring.

EL 207 NINETEENTH CENTURY ENGLISH NOVEL (III). Fall, Spring. Mr. Hill.

EL 208 TWENTIETH CENTURY ENGLISH NOVEL (IV). Fall, Spring.

EL 213 ENGLISH ROMANTICISM (III). Spring. Mr. Pack.

EL 224 MEDIEVAL AND RENAISSANCE DRAMA (I). Spring. New Description. A study of Elizabethan and Jacobean dramaturgy as practiced by such masters of comedy and tragedy as Marlowe, Jonson, Shakespeare, and Webster, with medieval drama as a background. Ms. Henderson.

EL 225 SHAKESPEARE'S COMEDIES (WS). Fall. New Description. Close examination of selected scenes from A Midsummer Night's Dream, The Merchant of Venice, Much Ado About Nothing, As You Like It, Twelfth Night and Measure for Measure. Although the constituent parts of each play--construction, character, theme and language--will be considered, the major emphasis will be on the effects created in performance. Students will be expended to take part in readings, as at a rehearsal. Mr. Wilders.

(EL 227 GREEK COMEDY)

(EL 229 MODERN BRITISH DRAMA (IV))

EL 230 CONTEMPORARY BRITISH DRAMA 1950 TO THE PRESENT (IV). Fall. New Course. Analysis of the language, style, dramaturgy and meaning of plays by Rattigan, Beckett, Osborne, Pinter, Shaffer, Gray, Bolt and Stoppard, with some attention paid to contemporary British cinema. (Not open in 1988-89 to students who have taken EL 229.) Mr. Bertolini.

EL 301 CHAUCER (I). Fall.

(EL 302 MEDIEVAL LITERATURE (I))

(EL 303 ENGLISH LITERATURE OF THE SIXTEENTH CENTURY (I))

(EL 304 ENGLISH LITERATURE OF THE SEVENTEENTH CENTURY (II))

EL 305 EIGHTEENTH CENTURY POETRY AND PROSE (II). Fall. New Description. An examination of major poets and genres of the 18th century, with special emphasis on the shift from classic to romantic modes around the middle of the century. Attention will also be paid to the visual arts of the period (painting, architecture and gardening). Mrs. Napier.

(EL 306 RESTORATION LITERATURE (II))

EL/AL 309 CONTEMPORARY LITERATURE (IV). Fall.

EL/AL 312 MODERN POETRY (IV). Spring. New Description. A representative study of the poetry of Hopkins, Hardy, Yeats, Pound, Eliot, Thomas, Frost, Robinson, Crane, Stevens, Williams, Auden and others writing primarily in the period between the turn of the century and the Second World War. We will concentrate on a careful reading, exploration and celebration of individual poems within the larger context of such issues as literary tradition, literary modernism, and the place and function of poetry in the modern world. We will at all points attempt to examine closely the various critical strategies we review, adopt, evolve and apply in the course of our reading. Mr. David Price.

EL 314 VICTORIAN LITERATURE (III). Fall. New Title and Description. The course will investigate the Victorian experience through a close reading of the period's poetry, fiction and intellectual prose. We will lay special emphasis upon the literary responses to secularization, evolution, industrial patterns of life, changing relations between social and sexual classes and revolutionary theories of psychology, history and cosmography. In short, we will immerse ourselves in English Literature's first encounter with modernity and evaluate both its triumphs and retreats. The authors covered will include Tennyson, Browning, Arnold, Carlyle, Ruskin, Dickens, the Pre-Raphaelites, and Hopkins. Mr. Baldridge.

EL 321 SHAKESPEARE (WS). Spring. Mr. Bertolini.

SEMINARS

AL 450 SEMINAR IN MAJOR AUTHORS: HAWTHORNE. Fall. See American Literature listings for description. Ms. Schirmeister.

AL 450 SEMINAR IN MAJOR AUTHORS: JAMES AND WHARTON. Spring. See American Literature listings for description. Ms. Millier.

CL 420 SEMINAR IN CLASSICAL LITERATURE. Spring. See Classics listings for description. Mr. Jonathan Price.

CL 450 HISTORY OF CLASSICAL LITERATURE. Fall. See Classics listings for description. Ms. Catto.

CS/LS 260 INTRODUCTION TO LITERARY CRITICISM AND ANALYSIS. Fall. See Chinese listings for description. Mr. Berninghausen.

LS 705 LITERARY STUDIES COLLOQUIUM. Fall. See Literary Studies listings for description. Mr. Donadio.

EL 401 SEMINAR; HISTORY AND THEORY OF THE NOVEL. Spring. New Title and Description. This course will explore the novel from both an historical and theoretical perspective. We will examine those texts--from the picaresque to Beckett--which best illuminate structural changes in the genre wrought by historical forces. Concurrently, we will study those works which most starkly reveal the chronic potentialities and tensions within such novelistic concerns as narrative voice, characterization, the limits of didacticism and the conflicting claims of realism and romance. Special attention will be devoted to recent theoretical considerations of the genre, as well as to what the novelists themselves have had to say about their craft. (Please apply at Department office.) Mr. Baldridge.

EL 402 MODES OF READING: DRAMA, GENDER AND CLASS. Fall. New Title and Description. A close reading of twelve plays produced on the British stage, supplemented by readings in the theory and criticism of drama. We will focus on the representation and significance of class and gender roles, tracing both continuity and change from the Renaissance to the present. Playwrights studied will include Shakespeare, Jonson, Behn,

Shaw, Beckett and Churchill; secondary readings will include essays by Dryden, Wilde, Brecht, Woolf and Soyinka. (Please apply at Department office.) Ms. Henderson.

EL 403 SEMINAR: DICKENS AND ELIOT. Fall.

EL 404 SEMINAR: MODERN POETRY. Fall. New Title and Description. The class will read widely in the best of the modern poets writing in English. Through discussion, reports and papers and with the help of some ancillary texts, we will try to evolve a useful language of understanding, appreciation and judgment appropriate to the complex and often puzzling poetry of this century. It is the task of the seminar to encourage responsive and responsible readings, while at the same time dispelling some of the anxieties and misconceptions which so often stand between modern poems and their potential audience. (Please apply at Department office.) Mr. David Price.

EL 405 SEMINAR: CRIMINAL VIOLENCE, CRIMINAL JUSTICE: LAW AND LITERATURE. Spring. New Title and Description. A study of trial process as it occurs in the courtroom and in literary texts. Our principal legal texts are Criminal Violence, Criminal Justice by Charles Silberman and The Bramble Bush by Karl Llewellyn. Our principal literary texts are The Stranger by Albert Camus and The Brothers Karamazov by Fyodor Dostoyevsky. In addition to critical readings, we will follow the progress of at least one felony trial in Vermont District Court. (Please apply at Department office.) Mr. Littlefield.

EL 406 SEMINAR: THE ROMANTIC NOVEL. Deleted.

EL 407 SEMINAR; WILLIAM BUTLER YEATS. Deleted.

EL 421 SEMINAR: SHAKESPEARE (WS). Fall. New Title and Description. In this course we will examine closely the diction, images and psychological patterns in Hamlet, Othello, Macbeth, King Lear, Antony and Cleopatra and The Tempest. Special attention will be given to the themes of accountability and forgiveness. (Please apply at Department office.) Mr. Pack.

WRITING

Admission to writing courses is by permission. Please come to the Department office at least one week prior to registration.

Courses meeting the College Writing requirement are designated (CW).

EL 107 JOURNAL AND ESSAY (CW). Fall, Winter. Add Annie Dillard to list of essayists. Mr. Martin, Mr. Elder.

EL 160 THE STRUCTURE OF NONFICTION (CW). Fall, Spring. New Description. Workshop discussion will center primarily on what students write for each class. This course should be considered only by those dedicated to improving their creative analytical writing. (Permission; see above.) Mr. Bain, Mr. Hill.

EL 170 THE STRUCTURE OF FICTION (CW). Fall, Winter. Mr. Baldridge, Mr. Parini.

EL 175 THE STRUCTURE OF POETRY (CW). Fall. Ms. Alvarez.

TH 218 INTERMEDIATE WORKSHOP: PLAYWRITING I. Fall. See Theatre, Dance and Film listings for description. Mr. Sprigg.

(TH 228 NEW PLAYS: PLAYWRIGHT AND DIRECTOR)

EL 260 INTERMEDIATE WORKSHOP: NONFICTION. Fall, Winter, Spring. New Description. Focusing on the contemporary familiar essay, this workshop will explore the writing process with particular attention to composition techniques, economy and clarity of expression, analytic tools to highlight problems in revision, and the dynamic relationship between "meaning" and "content" in successful writing projects. Class discussions will be based on student manuscripts and published model works. Students will be required to write and revise 6-8 papers. (EL 107 or EL 160 or EL 170, and permission.) Mr. Mitchell, Ms. Alvarez.

EL 270 INTERMEDIATE WORKSHOP: FICTION. Fall, Spring. Ms. Alvarez, Mr. Lea.

EL 275 INTERMEDIATE WORKSHOP: POETRY. Fall. Mr. Lea.

EL 460 ADVANCED WRITING. Fall, Spring. New Prerequisites. (Two writing courses at the introductory and intermediate levels with a grade of B or better at the intermediate level, and permission.) Mr. Parini.

EL 500, 520, 560. SPECIAL PROJECTS. Fall or Spring.

EL 700 SENIOR ESSAY. Fall, Spring.

EL 705 GENERAL EXAMINATION. Winter.

EL 710 SENIOR THESIS. Fall, Spring.

PROGRAM IN ENVIRONMENTAL STUDIES

Professors: David Andrews (Sociology/Anthropology), Brewster Baldwin (Geology), John Elder (English), Victor Nuovo (Philosophy). Associate Professors: Robert Churchill (Geography), Raymond Coish (Geology). Assistant Professors: Lucy Harding (Geology), Tamar Mayer (Geography), Burke Rochford (Sociology/Anthropology), Sallie Sheldon (Biology), Jack Schmidt (Geography and Geology), Stephen Trombulak (Biology, Director). Visiting Assistant Professor: Richard Arthur (Philosophy). Visiting Instructor: Sheldon Sax (Economics).

Under Natural Science Track, Add: EL/AL 113 (VISIONS OF NATURE) and change reference from PS 104 to: PS 104 (AMERICAN POLITICAL PROCESSES) OR PS 208 (U.S. CONGRESS).

Under Social Science/Humanities Track, Cognate courses, replace CH 170 (under cognate courses) with CH 172 (ENVIRONMENTAL CHEMISTRY). Also, under Economics foci, replace EC 150 with EC 456.

Under Social Science/Humanities Track, add the following new category under foci: Literature and Writing: EL 107 OR EL 160 OR EL 170; EL 260; EL 213; EL/AL/113; AL 202; CS 225.

Under Senior Independent Work, delete all references to ES 700 and Senior Thesis. Note, however, that ES 500 projects may be one or more semesters in duration.

Under Honors Program, change all copy to: Students with an average of B+ or better in courses required for the major may apply for Program Honors before beginning an independent study project (ES 500). After a public presentation, honors will be given for a project of superior quality (B+ or better).

ES 401 ENVIRONMENTAL POLICY FORMATION. Fall. New Course. Students will work together to formulate and justify policy measures that they think would be appropriate to deal with a local environmental problem. Policy recommendations will be based on research into economic, social, and environmental factors related to the problem. This course will show students how the disciplinary knowledge can be integrated in a synthetic manner and offer the experience of working as a team toward the solution of a real-world problem. Considerable field work and library research will be involved, and the final exam will consist of a public presentation and defense of student-generated policy recommendations. (Junior or senior standing.) Mr. Trombulak.

ES 500 INDEPENDENT STUDY. Fall, Winter, Spring.

ES 700 SENIOR THESIS. Deleted.

FRENCH

Professors: Simon Barenbaum, Edward Knox, Nancy O'Connor (chair), Carol Rifelj (at Middlebury in Paris). Assistant Professors: Bethany Ladimer, Roddey Reid. Visiting Assistant Professors: Beatrice Ness, Robert Ponterio, Elizabeth Bowen. Lecturer: Huguette Knox.

Major Program. Replace all copy up to Senior Independent work with the following: The French department considers competence in French to be the essential prerequisite to any advanced work. Most incoming freshmen are placed according to their ability in French and background in FR 201, FR 203 or FR 205. Beyond FR 205, courses in civilization, literature and further language study are available at the 200 and 300 levels.

The advanced level program at Middlebury is weighted somewhat towards literature rather than civilization while the reverse is true of the Junior Year program in Paris. Students particularly interested in French Civilization should consider FR 230, FR 277, FR 343 and literature courses designed with a major socio-cultural component (FR 362, FR 365, FR 366, FR 375). Other departments offer courses which deal in some depth with France: AR 102, 216, 305; HI 104, 346; PS 103, 107, 225, 406. Further civilization offerings are available in the Middlebury summer and Paris programs.

Required for the major: Total of no fewer than 10 courses, no more than 14.

I. Two introductions to French Literature: FR 227, FR 228, or FR 229; or FR 267 (Lectures de textes littéraires) in Paris; or FR 491 (Analyse littéraire) in summer.

II. One course in contemporary French civilization: FR 230, FR 343 or PS 406; or FR 450 (La France contemporaine) in Paris; or equivalent in summer.

III. One course in French history: HI 346; or, in Paris, FR 330, FR 333 (Histoire de la France), FR 350 (Architecture et urbanisme) or FR 449 (Histoire sociale de la France).

IV. Three advanced courses in French or francophone literature.

V. One Senior seminar (literature or civilization) or senior project (FR 500 or FR 700).

Other courses counting for the major include: a) at the Vermont campus: FR 205, FR 255, FR 277, FR 305; certain advanced courses offered during the winter term (with permission of the chair); other summer 300- and 400-level courses; b) in Paris: language and linguistics courses, comparative literature (with a major French component), French theatre, cinema or television, Politique extérieure de la France, Vie Politique en France. College Board AP scores of three and above count toward graduation but not toward the major.

We expect majors to spend their junior year at the Middlebury College School in France, where they are expected to earn no more than five units (full year program) or three units (semester program) toward the major. The preliminary session in Paris does not count toward the major but is figured into the GPA as one unit. Most courses in France will be at the 300 or 400 level.

During the senior year at least two advanced courses in French must be taken at Middlebury, including the senior seminar or independent work.

Required for a joint major: a minimum of 7 courses, including two from category I, one from categories II and III, two advanced courses in literature, and senior work to be determined individually. At least one advanced course in French must be taken during the senior year.

Senior Independent Work. No Change.

Honors. No Change.

The School in France. Note the following changes: 1) Spaces in the semester program are limited. Only students with valid academic reasons may be considered for the semester program. 2) Students may earn one course per semester in France toward their concentration. 3) Students applying for a semester only are required to take FR 230.

FR 101 INTENSIVE BEGINNING FRENCH. Winter.

FR 102 BEGINNING FRENCH. Spring.

FR 201 INTERMEDIATE FRENCH. Deleted. (See FR 203.)

FR 202 INTERMEDIATE FRENCH. Deleted. (See FR 203.)

FR 203 INTENSIVE INTERMEDIATE FRENCH. Fall, Spring. An active and intensive review of French grammar for students having had good beginning-level training in French. We will work to perfect not only mastery of the structures of the language with practice of writing and readings, but also to develop oral comprehension and production skills. The course meets five times a week. (By placement.) Ms. Ness, Mr. Ponterio.

PREREQUISITES TO THE MAJOR
FR 205 TOWARD LIBERATED EXPRESSION. Fall, Spring.

FR 206 INTRODUCTION TO CONTEMPORARY FRANCE. Changed to FR 230; see below.

FR 230 INTRODUCTION TO CONTEMPORARY FRANCE (Formerly FR 206). Fall, Spring. Note: This requirement may be met by FR 343, PS 408, FR 450 (La France contemporaine) in Paris, or by an equivalent in the summer French School.

At least two of the following three courses:
FR 207 INTRODUCTION TO FRENCH POETRY. Changed to FR 227; see below.

FR 208 INTRODUCTION TO FRENCH THEATRE. Changed to FR 228; see below.

FR 209 INTRODUCTION TO FRENCH PROSE. Changed to FR 229; see below.

FR 227 INTRODUCTION TO FRENCH POETRY (Formerly FR 207). Spring. Ms. Ness.

FR 228 INTRODUCTION TO FRENCH THEATRE (Formerly FR 208). Fall, Spring. Mr. Barenbaum.

FR 229 INTRODUCTION TO FRENCH PROSE (Formerly FR 209). Fall, Spring. Ms. Bowman, Mr. Ponterio.

LANGUAGE, LITERATURE, AND CIVILIZATION. Majors must also take one course in French history, three advanced courses in French or francophone literature, and one senior seminar or senior work.

A description for the following course will appear under Freshman Seminars in the official Catalog:
FS 001 VERSIONS OF THE FOREIGN. Fall. Ms. Basu, Mr. Clifford, Mr. Knox.

(FR 112 HUMANISTS AND HEROES)

(*FR 115 REALISM: FRENCH FICTION FROM STENDHAL TO PROUST)

*FR 120 WOMEN WRITERS IN FRANCE. Spring. New Description. This course will focus on women as seen by major women writers in France over 300 years. We shall seek to understand the evolving portrait of woman, including her place in society, her relationships with men, the family and the work of work outside the home. We will look at explicit and implicit statements about traditional female roles as well as reflections on the need for change. We shall finally explore relationships between this subject matter and the literary and semantic strategies adopted by the authors. Texts by Sand, Colette, Beauvoir and others. Ms. Ladimer.

*FL 239 STRUCTURING THE CHAOS. Deleted.

FR 215 IMPROVING WRITING IN FRENCH. Changed to FR 255; see below.

FR 222 FACETS OF A CHANGING FRANCE. Changed to FR 277; see below.

FR 255 IMPROVING WRITING IN FRENCH. Spring. New Prerequisites. (One course: FR 227, 2228 229, 230.) Ms. O'Connor.

FR 277 FACETS OF A CHANGING FRANCE. Winter. New Prerequisites. (FR 230 or special permission.)

FR 305 ADVANCED PRACTICE IN WRITTEN FRENCH. Spring. New Description. Intensive work in composition, stylistics, grammatical analysis and translation (mostly from English to French). Attention will be given to such problems as comparative grammar, lexical structure and differentiation between spoken and written language. For students whose written French is already very good. Ms. O'Connor.

FR 309 RENAISSANCES IN SIXTEENTH CENTURY LITERATURE. Changed to FR 369; see below.

FR 311 VOLTAIRE, DIDEROT AND THE FRENCH ENLIGHTENMENT. Changed to FR 366; see below.

FR 312 WOMEN AND THE NOVEL OF THE ANCIEN RÉGIME. Changed to FR 362; see below.

FR 313 TOPICS AND PROBLEMS IN CONTEMPORARY FRENCH CIVILIZATION. Spring. Changed to FR 343; see below.

FR 315 THE NINETEENTH CENTURY NOVEL. Changed to FR 375; see below.

FR 316 NINETEENTH CENTURY POETRY. Changed to FR 376; see below.

FR 317 TWENTIETH CENTURY DRAMA: L'ACTE ET LA PAROLE. Changed to FR 387; see below.

FR 318 TWENTIETH CENTURY POETRY. Changed to FR 388; see below.

FR 321 FROM THE BAROQUE TO THE CLASSICAL STAGE. Changed to FR 361; see below.

FR 324 CULTURE AND IDENTITY IN FRANCOPHONE LITERATURE. Changed to FR 367; see below.

FR 343 TOPICS IN CONTEMPORARY FRENCH CIVILIZATION: FRANCE 1986-88 (Formerly FR 313). Fall. New Description. We will look at various aspects of France and French life between the legislative elections of 1986 and the aftermath of the presidential elections of 1988. We will consider political life; the young, immigrants, women; decentralization; cinema, theatre and the arts. Essentially for seniors returning from programs in France. Others by instructor's permission. (FR 230 or the equivalent.) Mr. Barenbaum.

FR 361 FRENCH CLASSICAL THEATRE (Formerly FR 321). Fall. New Description. A study of the theatre of Corneille, Racine and Molière. The course will investigate the dialectics of moral conflict in Corneille's tragedies; Aristotelian catharsis and Jansenist pathos in Racine's tragedies; the aesthetic and social meanings of Corneille's and Racine's reinscriptions of Greco-Roman ideals, virtues and "heroes"; the limits of social criticism in Molière's satires; and the interplay between culture and power that delimited the social role of theatre in French society and in the courts of Louis XIII and Louis XIV. (FR 228 recommended.) Ms. Bowman.

(FR 362 WOMEN AND THE NOVEL OF THE ANCIEN RÉGIME (Formerly FR 312))

FR 365 LITERATURE AND SOCIETY IN THE ANCIEN RÉGIME. Fall. New Course. We will examine how writers and philosophers of the 17th and 18th century shaped the sensibilities and the world vision of their contemporaries. During a period when it grew difficult to distinguish between literary and philosophical movements and reading became synonymous with thinking, writers were the political and social mirrors of their time. We will try to trace the evolution of the world they reflected, from the deep religious convictions of Pascal through the acerbic wit of Voltaire, and finally to the "revolutionary" questions posed by Figaro in Beaumarchais' play. Authors may also include Corneille, Molière, Montesquieu, Marivaux, Diderot, Rousseau and Laclos. Ms. O'Connor.

(FR 366 VOLTAIRE, DIDEROT AND THE FRENCH ENLIGHTENMENT (Formerly FR 311))

(FR 369 RENAISSANCES IN SIXTEENTH CENTURY LITERATURE (Formerly FR 309))

FR 375 THE NINETEENTH CENTURY NOVEL (Formerly FR 315). Spring. New Description. France in the 19th century seemed to be in a perpetual state of upheaval. Adolescence is difficult enough as it is but the highly unstable political, social and economic situation perpetually undermined the self confidence of the young. We will examine a series of novels portraying the needs and desires of these young people and discuss the environment in which they lived. Mr. Ponterio.

FR 376 NINETEENTH CENTURY POETRY (Formerly FR 316). Fall. New Description. Poetry as a genre virtually exploded into prominence in 19th century France. We will examine the evolution of versification, the poet's concern for the social environment and the relation between poetic expression and the other arts. From the early work of romantics such as Lamartine and Hugo, through the genius of Baudelaire, and on to the impressionistic verses of the symbolists, Verlaine, Rimbaud and Mallarmé, the course will seek to develop the students' knowledge of the period, their critical and analytical ability and their appreciation of the genre. Staff.

(FR 380 THE TWENTIETH CENTURY NOVEL)

FR 387 TWENTIETH CENTURY DRAMA: L'ACTE ET LA PAROLE (Formerly FR 317). Spring. Staff.

(FR 388 TWENTIETH CENTURY POETRY (Formerly FR 318))

(FR 442 WORKSHOP IN FRENCH RADIO)

FR 500 INDEPENDENT PROJECTS. Fall, Spring.

FR 700 SENIOR RESEARCH. Fall, Winter, Spring. Note: FR 700 essays and projects must be approved by the department as a whole.

FR 704 SENIOR SEMINAR: THE TWENTIETH CENTURY NOVEL. Changed to FR 705; see below.

FR 705 SENIOR SEMINAR: THE TWENTIETH CENTURY NOVEL (Formerly FR 704). Spring. New Description. In this introduction to the most significant themes in the 20th century novel (space, time, etc.) textual analysis will be introduced through a variety of critical perspectives (from structuralism to psychoanalysis). Also, the relationship between text and narrator will be examined as well as the mission of the writer. Authors will include: Proust, Gide, Breton, Camus, Robbe-Grillet and Tournier. Participation and a research paper are required. Ms. Ness.

The following is a representative list of courses offered in the last few years for juniors in the Middlebury Paris program:
La France: de l'absolutisme à la Révolution et à l'Empire
Architecture et urbanisme de Paris
Initiation aux techniques de la scène
La littérature du moyen âge
Flaubert et Proust
Introduction à la linguistique
Analyse de films
Arts d'Afrique
Histoires de l'art médiéval; moderne; contemporain
Histoire sociale de la France
Vie politique et partis en France depuis 1945
Problèmes économiques du Tiers Monde et les conditions du développment
Relations internationales

GEOGRAPHY

Associate Professor: Robert Churchill (chair) (on leave all year). Assistant Professors: Ron Liebowitz, Tamar Mayer, Jack Schmidt. Instructor: Paul Blank.

Major Program. Under Required Geography Courses for the Major in Geography, replace all copy with: Ten geography courses are required to complete the major. These include: GG 100; GG 250; GG 310 or GG 320; GG 330; two seminars from the 400-level sequence; and four additional courses, at least two of which must be numbered between GG 100 and GG 250.

Under Required Cognate Courses for the Major in Geography , replace all copy with: Students in consultation with their advisers will design a cognate curriculum, which must include one statistics course (for example, MA 106 or EC 210) and at least one additional mathematics course.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 020 REFUGEE MIGRATION: CAUSES AND CONSEQUENCES. Fall. Ms. Mayer.

*GG 100 GEOGRAPHY: A MODERN SYNTHESIS. Fall, Spring.

GG 210 THE GEOGRAPHY OF DEVELOPMENT. Spring.

GG 211 ECONOMIC GEOGRAPHY. Spring.

GG 212 URBAN GEOGRAPHY: PATTERNS, PROBLEMS AND POLICIES. Spring.

GG 213 POPULATION GEOGRAPHY. Spring. Mr. Liebowitz.

(GG 215 POLITICAL GEOGRAPHY)

GG 220 GEOGRAPHICAL PERSPECTIVES ON THE MIDDLE EAST. Fall.

GG 222 CONTEMPORARY GEOGRAPHY OF THE SOVIET UNION. Fall.

GG 225 CULTURE AND THE ENVIRONMENT. Fall. New Course. An examination of the search for and varying interpretations of the relationship between culture and environment. The course focuses on traditional themes in cultural geography, including the impact of early humans on environment, the origins of agriculture and cities, modes of ecological adaptation of societies at various levels of complexity, the impact of economic development, and issues of population, resources, and environmental degradation. Mr. Blank.

GG 230 SOCIAL ASPECTS OF ENVIRONMENTAL ISSUES. Changed to GG 260; see below.

(GG 250 PHYSICAL EARTH PROCESSES)

GG 251 GEOMORPHIC PROCESSES (Formerly GL 252). Spring. New Description, Number and Departmental Designation. An investigation of landforms that explores the nature and effects of surface processes -- weathering, mass wasting, and erosion -- on varied lithologic and tectonic frameworks. Field and laboratory work is focused on the role of glacial and fluvial processes in west central Vermont. 3 hrs. lect., 3 hrs. lab. (GG 250, GL 112, GL 161, or permission.) Mr. Schmidt.

NE 252 BIOGEOGRAPHY. Spring. (See Northern Studies listings for description.)

(GG 253 NATURAL HAZARDS)

(GG 254 WEATHER AND CLIMATE)

GG 255 SURFACE WATER RESOURCES AND DEVELOPMENT. Fall. New Course. An introduction to basic concepts in hydrology is used as a basis for evaluating important issues in water resource development; including dam operations in the Colorado River basin, the future of the Bureau of Reclamation, hydroelectric power and fisheries in the Pacific Northwest, the wild and scenic river system, and large dam construction in developing countries. Mr. Schmidt.

GG 260 SOCIAL ASPECTS OF ENVIRONMENTAL ISSUES (Formerly GG 230). Fall.

GL 290 ENERGY FUELS AND MINERAL DEVELOPMENT. Fall. New Course. (See Geology listings for description.)

(GG 310 CARTOGRAPHY AND GRAPHICS (Formerly GG 320))

(GG 320 GEOGRAPHIC INFORMATION SYSTEMS)

GG 330 RESEARCH METHODS IN GEOGRAPHY. Spring.

GG 411 SEMINAR IN ECONOMIC GEOGRAPHY. Fall. Mr. Blank.

GG 412 SEMINAR IN URBAN GEOGRAPHY: WOMEN IN THE CITY. Spring. Ms. Mayer.

(GG 415 SEMINAR IN POLITICAL GEOGRAPHY)

(GG 422 SEMINAR IN SOVIET GEOGRAPHY)

(GG 450 SEMINAR IN PHYSICAL GEOGRAPHY)

GG 500 RESEARCH IN GEOGRAPHY. Fall, Spring.

GG 700 SENIOR RESEARCH. Fall, Winter, Spring.

GEOLOGY

Professor: Brewster Baldwin. Associate Professor: Raymond Coish (chair). Assistant Professors: Peter Goreau, Lucy Harding (on leave fall and spring), J. Murray Journeay (on leave fall), Jack Schmidt.

Major Program. Add EARTHQUAKES and VOLCANOES (GL 104) to the list of the department's introductory courses.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 052 EVOLUTION OF THE EARTH. Spring. Mr. Journeay.

(GL 101 NATIONAL PARKS)

*GL 104 EARTHQUAKES AND VOLCANOES. Spring.

GL 112 ENVIRONMENTAL GEOLOGY. Spring. Mr. Schmidt.

*GL 152 EVOLUTION OF THE EARTH. Spring.

GL 161 ELEMENTS OF OCEANOGRAPHY. Fall. Mr. Goreau.

*GL 170 GLOBAL TECTONICS. Fall.

GL 201 BEDROCK GEOLOGY OF VERMONT. Fall. Mr. Baldwin.

(GL 204 MARINE RESOURCES AND MANAGEMENT OF THE COASTAL ZONE)

GL 211 MINERALOGY. Fall. Mr. Coish and Staff.

GL 222 NATURAL RESOURCES OF SOUTH AFRICA. Spring.

GG 251 GEOMORPHIC PROCESS (Formerly GL 252). Spring. (See Geography listings for description.)

GL 252 GEOMORPHIC PROCESSES. Changed to GG 251, above.

GG 255 SURFACE WATER RESOURCES AND DEVELOPMENT. Fall. New Course. (See Geography listings for description.)

GL 290 ENERGY FUELS AND MINERAL DEVELOPMENT. Fall. New Course. Within the past few decades, the adverse impacts of mining and minerals have gained wide attention. However, mining and processing are activities that must continue if modern societies are to persist. This course will

examine the geologic basis for mineral occurrence, the geographic distribution of mineral occurrence, the nature of mineral exploration and mine development, reclamation of mined lands, environmental issues associated with disposal of processing waste, the socio-economic impacts of mining development, the dependence of the U.S. on strategic mineral imports, and reform of the 1872 mining law. 3 hrs. lect. (One course in geology, geography or resource economics.) Mr. Schmidt.

GL 321 SEDIMENTARY ROCKS. Fall. Mr. Goreau, Mr. Baldwin.

GL 322 IGNEOUS PETROLOGY. Spring. Mr. Coish.

GL 332 METAMORPHIC PETROLOGY. Spring.

GL 342 MARINE GEOLOGY. Spring. Mr. Goreau.

GL 381 STRUCTURAL GEOLOGY. Fall. Staff.

GL 382 GEOPHYSICS. Spring. Mr. Goreau.

(GL 401 STRATIGRAPHY AND TECTONICS)

GL 402 GEOCHEMISTRY. Spring. New Description. An advanced course in the use of elemental analysis to interpret the origin of rocks. Literature survey of current geologic problems in geochemistry. Instruction in analytic techniques. (Permission.) Mr. Coish.

GL 403 MOUNTAIN SYSTEMS--STRUCTURAL AND THERMAL EVOLUTION. Fall. Staff.

(GL 404 MODERN PROCESSES)

GL 500 READINGS AND RESEARCH. Fall, Spring.

GL 700 SENIOR RESEARCH. Staff.

GL 750 SENIOR THESIS (ENVIRONMENTAL STUDIES). Deleted.

GERMAN

Professors: Thomas Huber (chair), Kimberly Sparks, Van Horn Vail (at Middlebury in Mainz). Assistant Professor: Helmuth Liebel. Visiting Assistant Professor: Reinhard Andress. Visiting Instructor: Bernd Widdig (spring term). Lecturer: Constance Kenna (on leave all year). Assistant: Elisabeth Jung.

GN 101 ELEMENTARY GERMAN. Fall.

GN 102 ELEMENTARY GERMAN. Spring.

GN 201 INTERMEDIATE GERMAN. Fall.

GN 202 ADVANCED GERMAN. Spring.

(GN 303 STYLISTICS)

(GN 305 THE GERMAN NOVELLE I)

(GN 306 THE GERMAN NOVELLE II)

(GN 307 THE GERMAN NOVELLE III)

(GN 310 GERMAN IN ITS CULTURAL CONTEXTS)

(GN 316 BERLIN EAST AND WEST)

(GN 321 BUSINESS GERMAN AND GERMAN BUSINESS)

GN 331 INTRODUCTION TO THE LITERATURE OF THE GERMAN DEMOCRATIC REPUBLIC. Fall. New Course. By comparison to the other German-speaking countries, we know very little about East Germany or the German Democratic Republic. The aim of this course will then be to become acquainted with the concerns of this country as expressed through its literature. After a

survey of the socio-political and cultural context in the other Germany, we will analyze and discuss examples from poetry, prose and drama published both inside and outside of the GDR by such GDR authors as Christa Wolf, Volker Braun, Ulrich Plenzdorf, Heiner Müller and Erich Loest. Several short essays or one major paper. Mr. Andress.

GN 333 INTRODUCTION TO CONTEMPORARY GERMAN PROSE WRITERS. Spring. New Course. Günter Grass, Martin Walser, Heinrich Böll, Friedrich Dürrenmatt, Max Frisch, Christa Wolf and Stefan Heym are perhaps the mainstream prose writers in the literature of the German-speaking world today. In this course we will read, analyze and discuss characteristic examples from their prose works in an effort to become familiar with the topics they express and how they express them in their writing. Several short essays or one major paper. Mr. Andress.

GN 336 VIENNA: FIN DE SIÈCLE. Spring. New Course. From an interdisciplinary perspective which tries to connect broad intellectual and historical developments, this course will investigate the beginnings of modernism at the turn of the century in Austrian politics, art, literature and architecture. After an introduction to the political background, the course will explore the origins of psychoanalysis. The existential crisis reflected in a search for new values will be traced in representative literary works of authors such as Schnitzler, Hofmannsthal, Altenberg, Musil and others. A further emphasis of the course will be a discussion of paintings by Markart, Schiele, and Kokoschka as well as new architectural concepts. Mr. Widdig.

GN 341 MODERN GERMAN DRAMA. Changed to GN 421; see below.

(GN 351 GERMAN DRAMA IN THE EIGHTEENTH CENTURY)

GN 353 THE IMAGE OF NORTH AMERICA IN GERMAN LITERATURE. Fall. New Course. Throughout the centuries, German writers have regarded America as the land of their own desires, both good and bad. From the 18th Century through the Vietnam War, the changing German view of North America will be presented through selected texts by Goethe, Brecht, and Enzensberger. These texts will be augmented by Kürnberger's Der Amerikamüde, Raabe's Die Akten des Vogelsangs, Kafka's Amerika, May's Winnetou, and Handke's Der kurze Brief zum langen Abschied. Mr. Liebel.

GN 355 GEORG BÜCHNER. Spring. New Course. A pervasive theme in 19th century writing is the subjugation of men and women to modern social, psychological, and ecological forces. Georg Büchner's works anticipated and neglected these new preoccupations as they began to rupture the literary tradition of the German Classicism. The course will discuss the life and works of this unique, highly "modern" 19th century author. Texts to be read include Dantons Tod, Lenz, Leonce und Lena, and Woyzeck. Mr. Liebel.

(GN 401 EMERGENCE OF GERMAN AS A LITERARY LANGUAGE)

(GN 402 ESTABLISHMENT OF GERMAN AS A LITERARY LANGUAGE)

(GN 406 ROMANTICISM)

(GN 410 GERMAN LYRIC POETRY)

(GN 412 GERMAN LITERATURE AND PSYCHOANALYSIS)

GN 414 MODERN GERMAN HISTORICAL FICTION. Deleted.

GN 418 THEODOR FONTANE: STORIES OF LOVE AND SOCIETY. Deleted.

GN 421 MODERN GERMAN DRAMA (Formerly GN 341). Fall. New number and Description. The resurgence of German drama after World War I will be the center of discussion. Plays to be analyzed include works of Goering, Toller, Bertolt Brecht and Carl Zuckmayer. As the new-found dramatic language is closely connected with developments in German cinema of the period, selections from this medium will be included as well, among them Der blaue Engel, Metropolis and Nosferatu. Mr. Huber.

GN 422 POST WORLD WAR II DRAMA. Spring. New Course. This course will continue where GN 421, Modern German Drama, leaves off. Plays of the post World War II period will include works by Borchert, Frisch, Dürrenmatt and late Brecht. Mr. Huber.

GN 430 VIENNA--CULTURE AND LITERATURE. Deleted.

(GN 431 BERLIN--CULTURE AND LITERATURE)

GN 439 KAFKA AND THE KAFKA INDUSTRY. Fall. New Course. A broad selection of parables and short stories--among them "The Judgment," "Metamorphosis," "A Hunger Artist," "The Burrow" and "In the Penal Colony"--will be interpreted in class; then our interpretations will be re-argued in the light of major pieces of Kafka criticism. Once a critical vocabulary has been established through inspection of the shorter pieces, students will be asked to write a major paper on one of Kafka's three novels. Kafka's diaries and published correspondence will serve as further background material. (One upper-level course in a prose genre.) Mr. Sparks.

GN 500 INDEPENDENT STUDY

GN 800 HONORS PROJECT

THE MIDDLEBURY SCHOOL IN GERMANY

The Middlebury School in Germany is located in Mainz. It is open to all qualified students, and one need not be a German major to apply. Students interested in attending the program in their junior year should consult with the dean of the German School in the fall of their sophomore year.

The following courses were among those offered by Fachbereich 13 during the winter semester 1987-88. They serve as an example of the type of courses normally offered each semester. The bulk of the students' work will be in the "Deutsches Institut", but juniors, especially those majoring in departments other than German, are encouraged to take one course in an area other than language and literature such as history, political science, economics or art history.

LECTURE COURSES:
Descriptive Linguistics
German Lyrical Poetry
Friedrich Schiller
The German Novel of the 19th and 20th Centuries
Theories of Art and Literature in Early Romanticism
German Literature between 1914 and 1933

PROSEMINARS:
Introduction to Descriptive Linguistics
Introduction to Historical Linguistics
Introduction to Medieval Studies
Introduction to Literary Studies
Introduction to Comparative Literary Studies

ADVANCED SEMINARS:
The Volksstück in 19th and 20th Century German Literature
German Minnesang
Theodor Fontane
Friedrich Dürrenmatt
German Literature in Exile
German Drama from Schiller to Hauptmann
Young Goethe
Heinrich Heine

HISTORY

Professors: John Spencer (chair), Nicholas Clifford, Travis Jacobs, Marjorie Lamberti (on leave all year), John McCardell, Pardon Tillinghast. Associate Professor: David Macey. Assistant Professors: Barbara Bellows, Elizabeth Dore, Paul Monod (on leave all year), Don Wyatt. Visiting Assistant Professors: Jan Albers, Susan Gray.

Major Program. Under Honors, note that a B average is equivalent to 3.0 on a 4-point scale.

HI 100-399 LECTURE COURSES. No Change.

HI 401-419 READINGS COURSES. Replace final two sentences with: (Required of history majors normally before completion of junior year. HI 500 cannot be used to fulfill the readings course requirement without prior permission of the chair.)

HI 420-429 RESEARCH SEMINARS. Add: Only students going abroad for the entire junior year may take the research seminar in the spring of the sophomore year.

HI 700 SENIOR INDEPENDENT STUDY. Fall, Winter, Spring.

HI 705 TEACHING ASSISTANTSHIP. Fall, Spring.

FRESHMAN SEMINARS
Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 001 VERSIONS OF THE FOREIGN. Fall. Ms. Basu, Mr. Clifford, Mr. Knox.

FS 010 CENTRAL AMERICA: THE STRUGGLE FOR CHANGE. Fall. Ms. Dore.

FS 050 THE CITY IN AMERICAN HISTORY. Spring. Ms. Bellows.

Note: Last year's Freshman Seminars (HI 110A-F) have been deleted.

FOUNDATIONS COURSES
*HI 103 INDIVIDUALS AND ORGANIZATIONS. Fall.

*HI 104 THE REVOLUTIONARY TRADITION. Spring. New Title and Description. Revolutions have always attracted the attention of historians because they provide us with unique opportunities to study societies undergoing rapid and intense change. The contemporary world is the product of a single revolutionary process that began in France at the end of the 18th century, reappeared in the revolutions of 1830, 1848, and 1871 (also in France), inspired a generation of intellectuals during the mid-19th century, most notably Karl Marx, and then spread eastward to Russia and China at the beginning of the 20th century, where it now appears to have come to an end. This course will examine this general process within the specific cultures in which it was manifested. Mr. Macey and Staff.

LECTURE COURSES
HI 203 UNITED STATES HISTORY: 1492-1861. Fall.

HI 204 UNITED STATES HISTORY: 1861-1945. Spring.

(HI 214 SOCIETY AND CULTURE IN WESTERN EUROPE: 1500-1800)

(HI 215 HISTORY OF MODERN EUROPE: 1800-1900). Offered in 1989-90.

(HI 216 HISTORY OF MODERN EUROPE: 1900-1968). Offered in 1989-90.

(HI 225 THE FOUNDATIONS OF MODERN AFRICA)

HI 226 MODERN AFRICA. Fall.

HI 235 MODERN EAST ASIA: 1750-1912. Fall.

HI 236 MODERN EAST ASIA: 1912 - PRESENT. Spring.

HI 238 MODERN MIDDLE EAST HISTORY. Spring.

HI 247 TRADITIONAL RUSSIA. Spring. New Title and Description. This course will examine the social, economic and political history of Russia focusing on the relationship between the centralized and autocratic state and Russia's different social groups and the emergence of an autocratic and statist political culture. The course will cover the Kievan, Muscovite and Imperial periods and end with the reforms and

"counterreforms" of the 1860's and 1880's and the rise of the revolutionary movement. Mr. Macey.

HI 248 THE RUSSIAN REVOLUTION AND THE SOVIET REGIME. Fall. New Title and Description. Russia at the turn of the century was faced with a crisis of transition from the traditional world to the modern. The first half of this course will focus on the social, economic and political causes of this crisis, culminating in the Russian Revolutions of 1917. Subsequently, students follow the course of the revolution through the civil war and NEP periods to Stalin's "Revolution from Above," which was largely responsible for creating the Soviet Union as we know it. The course concludes with an examination of real and mythical crises facing the Soviet Union today and the emergence, under Gorbachev, of yet another state in that nation's ongoing revolution and struggle to modernize. Mr. Macey.

HI 285 COLONIAL LATIN AMERICAN HISTORY. Fall. New Description. This course is a survey of colonial Latin America from conquest to independence, with emphasis on the Viceroyalty of Peru (Spanish-speaking South America). Particular attention is given to the following themes : 1) the transformation of Aztec and Inca society, 2) the development of large landed estates, 3) the dynamics of the mining sector and its effects on social and economic development, 4) the slave trade and slavery in Cuba and Brazil, 5) the crisis of colonial rule, and 6) the independence movements. Ms. Dore.

HI 286 MODERN LATIN AMERICA. Spring. New Title and Description. This survey covers Latin America in the 19th and 20th centuries, with emphasis on Spanish-speaking South and Central America. The course focuses on: 1) the emergence of nation-states, 2) barriers to the development of capitalism in agriculture and industry, 3) forms of social mobilization and exclusion of Blacks, Indians, women and the working classes, 4) the experiences of populist, socialist and authoritarian movements, and 5) the economic and social crisis of the 1970's and 1980's. Historical examples will be drawn primarily from Chile, Peru, Guatemala, Cuba, Argentina and Nicaragua. Ms. Dore.

HI 331 IMPERIAL CHINA. Fall.

(HI 332 MODERN CHINA)

HI 333 CHINESE INTELLECTUAL HISTORY. Spring.

HI 335 TRADITIONAL JAPAN. Fall. New Description. This course will be a general survey of society and culture of Japan from the earliest times to the fall of the Tokugawa Shogunate. Readings in a variety of primary source materials in translation, literary as well as purely historical. Mr. Miyaji.

HI 336 MODERN JAPAN. Spring.

HI 339 HISTORY OF SOUTHERN AFRICA. Spring.

(HI 341 THE CIVILIZATION OF THE DARK AGES) Offered in 1989-90.

HI 342 THE MEDIEVAL OUTLOOK, 1050-1300) Offered in 1989-90.

HI 343 EUROPE IN THE RENAISSANCE. Winter. New Description. The course will include the period from roughly 1300 to 1550. There will be no coverage of the Reformation and its antecedents; these will be handled in HI 344. The major focus will be on the background of the cultural events of the period. Mr. Tillinghast.

HI 344 THE REFORMATION. Spring. New Description. An attempt to tie religious currents in the late Middle Ages to the teachings of the earlier Reformers. The stress will be on the relationship between developing religious needs and the prevailing currents in thought and society. Mr. Tillinghast.

(HI 346 HISTORY OF FRANCE: 1750-1940)

(HI 349 HISTORY OF GERMANY FROM 1648 TO THE TWENTIETH CENTURY)

HI 353 BRITISH HISTORY: 1603-1815. Fall. Ms. Albers.

(HI 354 BRITISH HISTORY: 1815-1979). Offered in 1989-90.

(HI 361 COLONIAL AMERICA). Offered in 1989-90.

(HI 362 REVOLUTIONARY AMERICA: 1763-1800). Offered in 1989-90.

HI 363 JEFFERSONIAN AND JACKSONIAN AMERICA: 1800-1848. Fall. New Description. A close study of the so-called "Middle Period" of American History from the "Revolution of 1800" to the Mexican War. The course will examine the major themes of the period--political democracy, economic diversification, social reform, intellectual ferment, and territorial expansion--as parts of an evolving sense of American nationalism. Ms. Gray.

(HI 364 CIVIL WAR AND RECONSTRUCTION: 1845-1890). Offered in 1989-90.

(HI 365 VICTORIAN AMERICA: 1877-1919)

HI 366 THE AMERICAN FRONTIER, 1787-1892. Spring. New Description. Westward expansion has occupied a central place in America's conception of itself, and the frontier has consequently also been the focus of much American historical writing. The course will examine the notions of individual and national identity as expressed in the institutions that Americans devised to explore, exploit and settle a seemingly unlimited wilderness. The span of the course is from the Northwest Ordinance of 1785-1787 to the federal census taker's declaration of 1890 that the frontier was closed. Ms. Gray.

HI 367 TWENTIETH CENTURY AMERICA: 1920-1948. Fall. Add to topics to be covered: the dropping of the atomic bomb.

HI 368 TWENTIETH CENTURY AMERICA: 1948-PRESENT. Spring.

HI 371 BLACK HISTORY. Fall. New Description. An examination of the Black experience in America. The nature of slavery and freedom, the significance of migration and urbanization, and the various strategies employed by Blacks to gain equality and a sense of identity throughout American history will give general focus to the course. The social, economic and political structure of a Black community in an urban and a rural environment will receive close attention. Ms. Bellows.

READING COURSES

HI 403 MAJOR THEMES IN MODERN EUROPEAN HISTORY. Fall. Mr. Macey.

(HI 404 THE SOVIET UNION)

HI 405A THE ROOSEVELT ERA AND ITS LEGACY. Fall. New Title and Description. The seminar will examine Roosevelt's New Deal and different historiographical interpretations of it, and then consider its relation to World War II and its impact on post-war reform, from the Fair Deal to the New Frontier and Great Society and its legacy in late 20th century America. Mr. Jacobs.

HI 405B LIFE AND LABOR IN THE OLD SOUTH. Spring. New Title and Description. An intensive historiographical excursion through some of the persistent problems in the history of the Old South: the origins of slavery; the structure of society, economy and politics; and the distinctiveness of the so-called "mind of the South." The seminar will treat a wide range of materials as historical evidence and critically examine what historians have had to say with and about this evidence. (HI 203 or permission.) Mr. McCardell.

HI 407 READINGS IN AFRICAN HISTORY. Fall.

HI 409 READINGS IN ASIAN HISTORY. Spring.

HI 411 THE HISTORICAL ROOTS OF THE CENTRAL AMERICAN CRISIS. Spring. New Description. The focus of this seminar is the historical development of the countries of Central America in the 19th and 20th centuries. It

concentrates on: 1) the persistence of traditional forms of land tenure and production relations in agriculture, 2) the institutionalization of the state and the military, 3) the emergence of mass movements demanding political, economic and social change, and responses to these pressures, 4) the history of U.S. intervention, and 5) the emergence of the region as a focus of international contention. Ms. Dore.

HI 413 TOPICS IN MODERN EUROPEAN HISTORY. Spring. New Description. The late 18th century saw the beginnings of a new Britain which rapidly became urbanized, industrialized and more politically and socially equitable for all its people. This seminar will explore the creation of modern Britain as it was reflected in such diverse phenomena as the struggle for full suffrage, Darwinism, working class culture, fashion, architecture and the growth of cities. Ms. Albers.

(HI 415 TOPICS IN AMERICAN HISTORY)

RESEARCH SEMINARS

HI 420 WRITING AND RESEARCH IN EUROPEAN HISTORY. Spring. Add: During the fall semester HI 500 may be taken by students going abroad for the spring term. Ms. Albers, Mr. Macey.

HI 422 WRITING AND RESEARCH IN AMERICAN HISTORY. Fall, Spring. Staff.

HI 424 WRITING AND RESEARCH IN NON-WESTERN HISTORY: IMPERIALISM. Spring.

HI 426/EA 400 WRITING AND RESEARCH, EAST ASIA. Fall.

HI 500 SPECIAL RESEARCH PROJECTS. Fall, Spring. New Description. HI 500 projects during the junior year may be used to fulfill the research seminar requirements. (Permission.)

HI 700 SENIOR INDEPENDENT STUDY. Fall, Winter, Spring.

HI 705 TEACHING ASSISTANTSHIP. Fall, Spring.

INTERNATIONAL MAJOR

Adviser: Edward C. Knox (Director of the Language Schools)

INTERNATIONAL POLITICS AND ECONOMICS

Director: John Weeks (Professor of International Politics and Economics)

Major Program. Under D. A Seminar in Political Science and a Seminar in Economics Chosen from the list below, add to the list of courses:
EC 420 ECONOMIC DEVELOPMENT OF LATIN AMERICA
EC 421 ECONOMIC DEVELOPMENT OF AFRICA
EC 435 MODERN EUROPEAN SOCIALIST ECONOMIC THOUGHT

Under Honors, add: Honors may also be obtained by substantial extension of work done in senior seminars.

ITALIAN

Associate Professor: Ugo Skubikowski (at Middlebury in Florence). Assistant Professors: Fabio Girelli-Carasi, Patricia Zupan (on leave fall). Visiting Assistant Professors: Thomas Peterson, Robert Anderson.

Major Program. In the second paragraph, replace the second sentence with: Senior Seminar credit may be obtained through any 400-level course.

Under The Major, add the following after the first sentence: Seniors are expected to enroll in one advanced course in each semester of their senior year (including Senior Seminar credit).

Under Senior Work, replace the second sentence with: The requirement may be fulfilled by enrolling in a 400-level course offered by the department for IT 750 credit.

IT 151 INTENSIVE BEGINNING ITALIAN. Fall. Mr. Girelli-Carasi, Mr. Anderson.

IT 152/WT INTENSIVE BEGINNING ITALIAN. Winter.

IT 152 INTENSIVE BEGINNING ITALIAN. Spring. Mr. Girelli-Carasi, Mr. Peterson, Mr. Anderson.

IT 251 INTERMEDIATE ITALIAN: AN INTRODUCTION TO CONTEMPORARY ITALY. Fall. New Description. A review of the structure and vocabulary of Italian, in the context of an introduction to contemporary Italian civilization. Conversation and compositions will be based on readings selected from Italian newspapers, newsmagazines, essays, art and literature. (IT 152 or equivalent.) Mr. Girelli-Carasi, Mr. Anderson.

IT 252 ADVANCED ITALIAN: READINGS IN CONTEMPORARY PROSE. Spring. New Description. Readings in modern and contemporary literature, discussions and compositions illustrate the richness and complexity of the Italian language. Materials for the course include selected works on contemporary writers chosen to introduce the genres, themes and terms of literature. (IT 251 or equivalent.) Mr. Girelli-Carasi.

(IT 275 SELF-EXPRESSION IN ITALIAN)

*IT 290 DANTE (IN ENGLISH). Spring. Mr. Anderson.

IT 298 THE ITALIANS (IN ENGLISH). Deleted.

IT 350 CONTEMPORARY ITALIAN CULTURE AND CIVILIZATION. Deleted.

IT 354 EPOCHE DELLA LETTERATURA ITALIANA I: INTRODUZIONE AL PERIODO MODERNO. Fall. Change in Description. Replace final sentence with: Authors to be considered will include: Verga, Pascoli, Svevo, Montale, Deledda, Pavese, Banti and Pasolini. Mr. Peterson.

IT 355 EPOCHE DELLA LETTERATURA ITALIANA II: INTRODUZIONE AL MEDIOEVO. Spring.

IT 459 MODERN ITALIAN LITERATURE AND CULTURE. Fall. New Title and Description. An introduction to the major currents in 20th century Italian fiction, nonfiction and poetry. A close examination of texts by traditional means will be accompanied by the use of new critical methodologies where appropriate. Particular emphasis will be given to the post-World War II period. Discussions of social-political history and literary-aesthetic movements will accompany the readings. Authors include Montale, Pavese, Sciascia, Morante, Banti, Pasolini, Fortini, Zanzotto. Critical readings include Contini, Corti, Segre, Gramsci. Mr. Peterson.

IT 484 MODERN ITALIAN POETRY. Deleted.

(IT 490 DANTE IN ITALIAN)

IT 550 INDEPENDENT STUDY. Fall, Spring.

IT 750 SENIOR SEMINAR

IT 755 SENIOR HONORS PROJECT. Spring.
I. Honors Project for Italian majors
II. Written Comprehensive Examination for Italian majors
(See SP 705 in 1987-88 Catalog for description.)

JAPANESE

Professor: Hiroshi Miyaji. Instructors: Linda Keenan, Mutsuko Simon (on leave all year), plus two faculty members yet to be hired.

Major Program. Replace all copy with: The Japanese Program offers training at four levels in modern Japanese (Tokyo common/standard speech). This language sequence is designed to help students in various disciplines acquire basic communication skills in Japanese for the

achievement of their academic and career goals. Considerable attention is given to grounding this language training within the appropriate cultural context.

In addition to language courses, the Japanese Program offers courses on Japanese literature in English translation. These literature courses are open to all interested students. Courses on Japan offered in other departments may be found listed under the East Asian Studies major.

Qualified students of Japanese are encouraged to spend the junior year studying in Japan in one of several approved programs. These programs offer English-language courses on Japan in the various disciplines as well as Japanese language training. Students may also accelerate their language study by attending the Japanese School, Middlebury's intensive summer program. Those interested in either the study-abroad or summer program should consult with the Japanese Program chair before registration for the fall semester of the sophomore year.

At this time, the Program does not offer a major. Japanese students may, however, major in the interdisciplinary East Asian Studies Program or major in one of the disciplines with a concentration in Japanese.

LANGUAGE COURSES

JA 101 BEGINNING JAPANESE. Fall. New Description. An introduction to the modern Japanese language aimed at acquisition of the four basic skills--speaking, listening comprehension, reading and writing. The emphasis is upon thorough mastery of the basic structures of Japanese through intensive oral-aural practice and extensive use of audio-visual materials. The two kana syllabaries and kanji (characters) will be introduced toward the goals of developing reading skills and reinforcing grammar and vocabulary acquisition. Staff.

JA 102/WT BEGINNING JAPANESE. Winter. (JA 101.) Staff.

JA 102 BEGINNING JAPANESE. Spring. New Description. A continuation of the fall and winter terms with the introduction of more advanced grammatical structures, vocabulary and characters. The continuing emphasis of the beginning Japanese course will be upon acquisition of well-balanced language skills based on an understanding of the actual use of the language in the Japanese socio-cultural context. (JA 102/WT.) Staff.

JA 201 INTERMEDIATE JAPANESE. Fall. New Description. The goals of the intermediate course are to develop the ability to understand conversation Japanese at natural speed, to express oneself accurately and smoothly in various situations, to read non-technical materials at reasonable speed with the use of the dictionary and to express oneself in writing with relative ease. Understanding of Japanese culture will be broadened and deepened through mastery of the materials of the course. Staff.

JA 202 INTERMEDIATE JAPANESE. Spring. New Description. Continuation of JA 201. (JA 201 or equivalent.) Staff.

JA 301 ADVANCED JAPANESE. Fall. New Description. The advanced course aims at further increasing the students' proficiency in modern standard Japanese, both spoken and written. Oral presentation and discussion and composition in Japanese are important components of the course. A variety of written and audio-visual materials will be used to consolidate and expand mastery of more advanced grammatical points and vocabulary. (JA 202 or equivalent.) Staff.

JA 302 ADVANCED JAPANESE. Spring. New Description. Continuation of JA 301. (JA 301 or equivalent.) Staff.

JA 401 and 402 ADVANCED READING. Fall and Spring. Training in: 1) reading specialized materials, 2) newspaper reading, 3) use of Japanese reference materials, 4) translation technique. (JA 302 or equivalent.) Staff.

LITERATURE COURSES

JA 216 TRADITIONAL JAPANESE LITERATURE IN TRANSLATION. Fall.

JA 220 THE NOVEL AND THE NOVELIST IN MODERN JAPAN. Spring. New Description. In a culture where "the nail that sticks up gets hammered down," where the individual tends to suppress his own feelings for the sake of group harmony, what is the place of the Japanese novelist--whose work often displays scant regard for social convention? The lives, works and themes of such major 20th-century writers as Natsume Soseki, Shiga Naoya, Tanizaki Jun'ichiro and Kawabata Yasunari will be considered in depth, through English translations of their works. Ms. Keenan.

LINGUISTICS

See Division of Foreign Languages for description of courses offered in Linguistics. (All Linguistics courses now have FL designations.)

LITERARY STUDIES

Director: Stephen Donadio (Mr. Donadio's name should replace Mr. Bertolini's in all program copy.)

Replace the final sentence of paragraph two with: In addition, the student should be aware that, at the conclusion of an independent reading course for which he or she will be enrolled during the fall semester and winter term of the senior year, he or she will be scheduled to take a one-hour oral examination in the area of specialization (as described below) at the end of the fall semester, to be followed by a five-hour written comprehensive examination at the end of winter term.

In the current list of authors, correct name to Lope de Vega.

Under Major Requirement, replace the course lists with:
HISTORICAL
*CL 150 THE ANCIENT EPIC. Fall.
*CL 152 GREEK TRAGEDY. Spring.
*RE 110 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT. Spring.
*PS 101 INTRODUCTION TO POLITICAL SCIENCE. Fall.

THEORETICAL
(*EL 112 MYTHOLOGIES TIMELESS AND TIMELY, TRADITIONAL AND CONTEMPORARY)
CS/LS 260 INTRODUCTION TO LITERARY CRITICISM AND ANALYSIS. Fall.

Also under Major Requirement, replace (5) with: Senior Colloquium for majors (open to non-majors if space is available).

LS 260 INTRODUCTION TO LITERARY CRITICISM AND ANALYSIS. Fall. This course is also listed as CS 260. See Chinese department listings for description. Mr. Berninghausen.

LS 500 INDEPENDENT READING COURSE. Fall. Mr. Donadio.

LS 700 SPECIAL RESEARCH. Winter. Mr. Donadio.

LS 705 SENIOR COLLOQUIUM. Fall. Mr. Donadio.

LS 710 SENIOR HONORS ESSAY. Spring.

MATHEMATICS AND COMPUTER SCIENCE

Professors: John Emerson, Robert Martin, Michael Olinick, Bruce Peterson. Associate Professor: Peter Andrews. Assistant Professors: Priscilla Bremser, David Dorman, Claudia Henrion, Peter Schumer, John Thompson-Rohrlich. Instructors: Dorothy Mammen, Shel Sax. Visiting Instructors: Janine Clookey, William LaGasse, Barbara Merz.

Major Program. In paragraph one, add to the list of areas in which courses are offered: languages and systems, computer science theory and computer applications.

In the list of the four groups of Middlebury students for whom programs have been designed, replace 3. and 4. with: 3. Those who choose to major in mathematics, emphasizing a traditional study of mathematics and its modern applications and 4. Those who choose to major in computer science,

emphasizing a liberal arts approach to computer science and its applications.

In paragraph eight, replace MA 213 with CX 213.

Note: There are now two separate majors in this department, one in mathematics and one in computer science. The mathematics major includes a core sequence of analysis, algebra and discrete mathematics and computer science. Each student will choose several electives, with the help of an adviser, in order best to fulfill the student's particular mathematical needs and goals. The computer science major includes a core sequence of introductory computer science, and discrete mathematics and a balance of upper level electives in theory, systems, applications, and mathematics.

Core Requirements for all majors no longer exist.

Requirements for Mathematics major: MA 113, 200, 201, 203, 302, and 401; CX 213; four MA electives at the 200 level or above; and MA 704 in the senior year.

Requirements for Computer Science major: CX 213, 214, 223 and MA 205; one theory course chosen from CX 421 and 423; two systems courses chosen from CX 341, 343 and 345; two applications courses chosen from CX 322, 326 and 328; two mathematics courses chosen from MA 113, MA 200, and MA 228; and CX 704 in the senior year.

Under Advanced placement, replace the second and third sentences with: Majors typically begin their study of mathematics in MA 113 or MA 200, and their study of computer science in CX 213 or CX 214. Mathematics majors who need to begin the study of calculus with MA 112 may arrange with their adviser to use this course as one of the required electives.

Beginning with Joint majors, replace all copy with: Mathematics and computer science are frequently elected as joint or double majors with other disciplines. The mathematics component of a joint major requires the following courses:
MA 113, 200, 201, 203
One course from MA 302 and 401
One MA elective at the 200 level or higher
One MA elective at the 300 level or higher

The computer science component of a joint major requires:
CX 213, 214, 223
MA 205
One course from CX 421 and 423
One course from CX 341, 343 and 345
One course from CX 322, 326 and 328
CX 704

Students who wish to pursue either major and to enroll in teacher education as well should consult both the mathematics adviser and the Director of Teacher Education early in their college careers. Students who plan to pursue their studies abroad during the junior year should also plan their course of study in the major by the end of the freshman year.

Because of the wide variety of course offerings available at other institutions, students wishing to substitute a course from another school for any course in mathematics or computer science must seek approval from the department before registering for the course.

FRESHMAN SEMINARS
Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 004 FUNDAMENTALS OF PROBABILITY. Fall. Ms. Clookey.

FS 015 INTRODUCTION TO COMPUTERS. Fall. Ms. Henrion.

FS 025 CRYPTOLOGY. Fall. Mr. Olinick.

MATHEMATICS COURSES

*MA 103 INTRODUCTION TO COMPUTERS. Fall, Spring.

(*MA 105 FINITE MATHEMATICS: PROBABILITY, MATRICES AND PROGRAMMING)

(*MA 106 INTRODUCTION TO STATISTICAL SCIENCE)

MA 112 CALCULUS I. Fall, Spring.

MA 113 CALCULUS II. Fall, Spring.

MA 127 ELEMENTARY COMPUTER SIMULATION. Spring. New Description. Simulation is a dynamic act of imitation of one or more important features of the behavior of a real world system. The course begins with some simulation examples in gambling, sports, population dynamics, and hospital planning and moves on to more complex systems. Among the topics covered are analog and digital approaches, Monte Carlo methods, discrete event simulation, random number generators, deterministic and probabilistic simulation models, verification and validation. Each student will develop, implement, test and validate a simulation project. We will examine some simulation programs written in BASIC and Pascal and learn how to use the powerful simulation programming language SIMSCRIPT. Mr. Olinick.

MA 200 LINEAR ALGEBRA. Fall, Spring. Mr. Dorman, Ms. Clookey.

MA 201 MULTIVARIABLE CALCULUS. Fall, Spring. Staff.

MA 203 TOPICS IN LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS. Spring. New Title and Description. A continuation of MA 200; diagonalization of matrices, quadratic forms, inner product spaces, canonical forms. The Spectral Theorem, Positive Matrices, the Cayley-Hamilton Theorem. Ordinary differential equations of arbitrary order, systems of first order differential equations, power series and Eigenvalue methods of solution. Applications. (MA 200.) Mr. Dorman.

MA 205 DISCRETE MATHEMATICS. Spring. New Course. This course examines a range of subjects which have important applications in both mathematics and computer science. Topics include: sets, functions and relations; proof techniques including mathematical induction and diagonal arguments; partial orders, lattices, graphs and trees; boolean algebras; finite automata, languages and grammars. Mr. Andrews.

*MA 213 COMPUTER SCIENCE I. Changed to CX 213; see below.

MA 214 COMPUTER SCIENCE II. Changed to CX 214; see below.

MA 226 GEOMETRY AND COMPUTER GRAPHICS. Changed to CX 322; see below.

(*MA 227 SET THEORY)

MA 228 MATHEMATICAL LOGIC. Fall. New Description. This course begins with a look at sentential logic, truth tables and their applications. It also explores first order logic and natural deduction systems, and considers how to decide whether a statement is true or provable. Important theorems covered include the Completeness Theorem and the Compactness Theorem. The course concludes with a discussion of the Incompleteness Theorem, the monumental result of Kurt Godel. (MA 200 or permission.) Ms. Henrion.

(MA 240 HISTORY OF MATHEMATICS)

MA 302 ABSTRACT ALGEBRA I. Fall. Ms. Clookey.

(MA 310 PROBABILITY)

(MA 322 STATISTICS)

MA 315 MATHEMATICAL MODELS IN THE SOCIAL, LIFE AND MANAGEMENT SCIENCES. Fall. New Description. An introduction to the role of mathematics as a modeling tool and an examination of some mathematical models of proven usefulness in problems arising in the social and management sciences.

Topics will be selected from the following: axiom systems as used in model building, optimization techniques, linear and integer programming, theory of games, systems of differential equations, computer simulation, stochastic processes. Specific models in political science, ecology , sociology, anthropology, psychology, and economics will be explored. (Permission.) Mr. Olinick.

MA 318 OPERATIONS RESEARCH. Spring. New Description. Operations Research is the utilization of quantitative methods as an aid to managerial decisions. In this course, several of these methods will be introduced and studied in both a mathematical context and a physical context. Topics included will be selected from the following: classification of problems and the formulation of models, linear programming, network problems, transportation problems, shortest route problems, assignment problems, integer programming, non-linear programming queues, inventory problems, and game theory. (Permission.) Mr. Olinick.

MA 321 ELEMENTARY NUMBER THEORY. Spring. New Description. Divisibility and primeness. Number congruences, the theorems of Lagrange, Fermat and Euler, residue theory, quadratic reciprocity. Diophantine equations. The distribution of primes, density and the Prime Number Theorem. (MA 113.) Mr. Dorman.

MA 323 COMPUTER SYSTEMS AND ASSEMBLY LANGUAGE PROGRAMMING. Spring. Changed to CX 223; see below.

(MA 324 NUMERICAL ANALYSIS)

(MA 325 DATA STRUCTURES AND FILE PROCESSING)

MA 326 ARTIFICIAL INTELLIGENCE. Spring. Changed to CX 326; see below.

MA 328 ADVANCED TOPICS IN CRYPTOLOGY. Changed to CX 328; see below.

MA 341 OPERATING SYSTEMS. Changed to CX 341; see below.

(MA 343 PRINCIPLES OF COMPILER DESIGN). Offered in fall term, 1989.

MA 401 ADVANCED CALCULUS. Fall. Staff.

(MA 403 ABSTRACT ALGEBRA II)

(MA 411 ELEMENTARY TOPOLOGY)

(MA 413 ORDINARY DIFFERENTIAL EQUATIONS)

MA 421 THEORY OF COMPUTATION. Changed to CX 421; see below.

MA 423 ALGORITHMS AND COMPLEXITY. Changed to CX 423; see below.

MA 431 COMPLEX ANALYSIS. Spring. New Description. An introduction to functions of a complex variable. Mappings of the complex plane, analytic functions, Cauchy Integral Theorem and related topics. (MA 201 or permission.) Staff.

MA 500 ADVANCED STUDY. Fall, Spring.

MA 704 SENIOR SEMINAR. Fall, Spring. Ms. Clookey, Mr. Dorman.

COMPUTER SCIENCE COURSES

*CX 213 COMPUTER SCIENCE I (Formerly MA 213). Fall, Spring. Ms. Merz, Mr. Sax, Mr. Thompson-Rohrlich.

CX 214 COMPUTER SCIENCE II (Formerly MA 214). Fall. Ms. Mammen.

CX 223 COMPUTER SYSTEMS AND ASSEMBLY LANGUAGE PROGRAMMING (Formerly MA 323). Spring.

(CX 322 GEOMETRY AND COMPUTER GRAPHICS (Formerly MA 226)). Offered in spring term, 1990.

CX 326 ARTIFICIAL INTELLIGENCE (Formerly MA 326). Spring. New Description. Introduction to the theory and techniques that enable computers to behave intelligently. Topics include search strategies, constraint propagation, inductive and deductive reasoning, knowledge representation, expert systems, and natural language processing. The course will teach programming in LISP. Assumes at least one course in a structured programming language. Will alternate with CX 322. (CX 213.) Ms. Mammen.

CX 328 ADVANCED TOPICS IN CRYPTOLOGY (Formerly MA 328). Fall, New Description. This course will parallel NS 128, offering a more sophisticated approach to those with appropriate mathematics and computer science backgrounds. Topics will be chosen from: the role of cryptography in electronic data processing, block and stream ciphers, the Data Encryption Standard, communication and file security, public key cryptography, host system cryptographic operations, authentication techniques, digital signatures, measures of secrecy for cryptographic systems, information theory, advanced topics in mathematical cryptology. Will alternate with CX 343. (Permission.) Mr. Martin.

CX 341 OPERATING SYSTEMS (Formerly MA 341). Spring. New Description. The computer software and firmware that comprise the interface between user and hardware. Topics include process, storage and memory management, scheduling, I/O and security. Will alternate with CX 345. (CX 214.) Mr. Thompson-Rohrlich.

(CX 345 PROGRAMMING LANGUAGES) New Course. Offered in spring term, 1990.

(CX 421 THEORY OF COMPUTATION (Formerly MA 421). Offered in fall term, 1989.

CX 423 ALGORITHMS AND COMPLEXITY (Formerly MA 423). Fall. New Description. The theory of the design and analysis of algorithms covering topics such as: the complexity and efficiency of algorithms, various complexity classes of algorithms, the notion of computability, and methods for determining the correctness of algorithms. Will alternate with CX 421. (CX 214.) Mr. Andrews.

CX 500 ADVANCED STUDY. Fall, Spring. New Course. Individual study for qualified students in more advanced topics in computer science theory, systems, or application areas. Particularly suited for students who enter with advance standing. (Permission.) Staff.

CX 700 SENIOR SEMINAR. Fall, Spring. New Course. Same format as MA 704, and meets with MA 704, but student's paper will be in some area of computer science. Ms. Clookey, Mr. Dorman.

MUSIC

Professor: George Todd (chair). Assistant Professors: Susan Cook, Gregory Vitercik.
Organist and Choir Director and Fletcher Professor of the Arts: Emory Fanning (on leave all year).

Major Program. Delete "Early Music Group" from departmental ensembles.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 006 MUSIC AND HUMAN LIFE. Fall. Ms. Cook.

*MU 101 INTRODUCTION TO MUSICAL STYLES. Fall.

(*MU 105 PERSPECTIVES OF MUSIC)

(*MU 109 RUDIMENTS OF MUSIC)

MU 140 HISTORY AND THE ARTS IN THE ITALIAN RENAISSANCE. Deleted.

MU 201 MUSIC IN OUR TIME: PEOPLE, PLACES, DECADES. Spring.

MU 205 PERFORMANCE LAB. Fall, Spring.

MU 209 MUSIC I. Fall. New Title and Description. Music I focuses on the materials and grammar of music through compositional exercises. Students will write short pieces for various instruments and ensembles, notate their pieces, rehearse and perform them. The assignments are designed for students with or without compositional experience. Required of majors. Mr. Todd, Mr. Vitercik, Staff.

MU 210 MUSIC II. Spring. New Title and Description. Continuation of Music I. Required of majors. Staff.

MU 220 SURVEY OF MUSIC HISTORY. Fall, Mr. Vitercik.

MU 221 SURVEY OF MUSIC HISTORY. Spring.

(MU 230 INSTRUMENTAL COMPOSITION)

MU 250 INTRODUCTION TO MUSIC THROUGH ELECTROACOUSTICS. Fall.

MU 306 PERFORMANCE CLASS. Fall.

MU 307 PERFORMANCE CLASS. Spring.

MU 309 ANALYSIS. Fall.

MU 310 ANALYSIS. Spring.

(MU 321 MUSIC IN THE MEDIEVAL AND RENAISSANCE PERIODS)

(MU 322 MUSIC IN THE BAROQUE ERA)

(MU 324 MUSIC IN THE ROMANTIC ERA)

(MU 325 MUSIC IN THE TWENTIETH CENTURY)

MU 326 AMERICAN MUSIC. Spring.

(MU 330 SYMPHONIC LITERATURE)

(MU 331 HISTORY OF OPERA)

MU 350 ELECTROACOUSTIC MUSIC COMPOSITION. Spring.

(MU 360 WOMEN IN MUSIC)

MU 390 JUNIOR SEMINAR IN MUSIC. Spring.

MU 500 INDEPENDENT STUDY

MU 704 SENIOR WORK

PERFORMANCE STUDIES
No changes except the following:
Private instruction in piano: Ms. McClain, Staff
Private instruction in organ: Staff
Private instruction in flute: Ms. Janson

NORTHERN STUDIES PROGRAM

Associate Professor: Robert Churchill (Geography). Assistant Professors: William Howland (Program Director).

Major Program. Replace all copy with the following: The Northern Studies Program is an interdisciplinary program focusing on all aspects of the Circumpolar North. This Program provides students with a strong interdisciplinary course of study by applying the traditional natural and social scientific disciplines to an understanding of northern environments and man/nature relations in the North. The Northern Studies Program is constructed around a longstanding relationship with the Center for Northern Studies, an independent, non-profit, research and educational facility located in Wolcott, Vermont, about 70 miles northeast of the College.

The academic major involves coursework, seminars and directed field studies on the Middlebury campus and at the Center for Northern Studies. Students participating in the Program normally spend one or more semesters in residence at the Center. Northern Studies majors also have the opportunity to take part in extended field research at various Arctic or Subarctic Research facilities.

Requirements for a Northern Studies Major:
Northern studies majors choose to follow a 'track' of courses to specialize as below:
1) The Biology Track studying the physical biogeography and ecology of northern biomes or
2) The Quaternary Track studying Arctic and Alpine physical environments of North America, especially in the post-glacial period.

The following is a list of required courses for each of the major tracks. Students are urged to work out their plans of study early and carefully, as the period spent in residence at the Center shortens the time available to take required courses on the College campus.

All Majors:
NE 151 INTRODUCTION TO POLAR ENVIRONMENTS
NE 152 PUBLIC POLICY IN ARCTIC AND SUBARCTIC NORTH AMERICA
NE 252 BIOGEOGRAPHY (ARCTIC & ALPINE EMPHASIS)

Biology Track:
*BI 125 INTRODUCTION TO BIOLOGICAL PRINCIPLES
*BI 190 GENERAL ECOLOGY
BI 203 BOTANY
BI 250 CELLS AND ORGANELLES
BI 390 ADVANCED ECOLOGY

Quaternary Science Track:
GL 112 ENVIRONMENTAL GEOLOGY
GL 161 OCEANOGRAPHY
GL 252 GEOMORPHIC PROCESSES
GL 321 SEDIMENTARY ROCKS
GG 310 QUANTITATIVE METHODS IN GEOGRAPHY
GG 254 WEATHER AND CLIMATE

Majors will spend one or two semesters at the Center for Northern Studies, taking the courses described below. Majors also ordinarily take Winter Ecology (NE 350) at the Center in winter term. Normally, students are resident at the Center during the junior year, though residence at the Center may be arranged during the sophomore or senior year. In the fall of the senior year, students take NE 451.

Students normally take one or two units of senior thesis work (NE 700). At least one thesis unit is required for the major. No more than three units of senior thesis work may be applied toward a Middlebury degree. The two unit thesis may be either field or library based. The three unit thesis requires original, predominantly field oriented work; the thesis is read by and defended in front of three faculty members after a seminar discussing the work has been presented by the student.

A limit of nine regular term courses and one winter term course can be accepted from the Center for Northern Studies toward the Middlebury degree. This limitation includes any research and thesis work undertaken at the Center.

Departmental Honors: Students may apply for Honors in Northern Studies at the time of the Senior Thesis. Honors are awarded to majors who make an oral presentation and defense of a thesis of more than one credit, receiving a grade of A, and who have also maintained a grade average of 3.3 in courses in the major, and who meet any other College requirements for departmental honors.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 016 THE EXPLORATION OF THE ARCTIC: 1750-1920. Fall. Mr. Howland.

COURSES AT MIDDLEBURY
NE 151 INTRODUCTION TO THE POLAR ENVIRONMENTS. Fall.

NE 152 PUBLIC POLICY IN ARCTIC AND SUBARCTIC NORTH AMERICA. Spring.

NE 252 BIOGEOGRAPHY. Spring.

NE 451 SENIOR SEMINAR: NORTHERN RESEARCH. Fall.

NE 500 INDEPENDENT STUDY. Fall, Spring.

NE 700 SENIOR THESIS. Fall, Spring.

SEMESTERS IN RESIDENCE PROGRAMS AT THE CENTER FOR NORTHERN STUDIES
Add the following paragraph to existing copy: Most Northern Studies majors spend all or part of the junior year in residence at the Center for Northern Studies. The Center is located in Wolcott, Vermont, about 75 miles northeast of the College, in a substantially snowier and more rigorous climatic zone. Although contact with Middlebury is maintained, this year is similar to a junior fall term (or optionally, a full year) abroad. While at the Center, students reside together in nearby country homes retained for this purpose.

Under Financial Arrangements, replace the final sentence with: The College, however, does not contribute any portion of the comprehensive fee, or any other financial assistance, to cover the costs of individual courses taken at the Center but not taken in conjunction with a full fall or spring semester-in-residence at the Center or with a major in Northern Studies.

FALL SEMESTER-IN-RESIDENCE AT THE CENTER
Replace all general descriptive material with the following: Prerequisite for this term is NE 151. The fall term at the Center introduces students first-hand to Arctic and Alpine environments, cold ocean coasts of the Northeast, and environmental analysis techniques. The semester begins with an extended field trip to Newfoundland and Labrador with Center faculty. After their return from this trip, students at the Center remain immersed in the study of Northern environments and culture through their continuing course work, and daily associations with other students in classes, the library, and in the residences.

NE 310 PALEOENVIRONMENT AND PREHISTORY OF THE CIRCUMPOLAR NORTH

NE 320 DYNAMICS AND CHARACTERIZATION OF NORTHERN ECOSYSTEMS

NE 330 INDIGENOUS CULTURES OF THE CIRCUMPOLAR NORTH

NE 340 POLAR BIOTA

WINTER TERM-IN-RESIDENCE AT THE CENTER
NE 350 WINTER ECOLOGY

SPRING SEMESTER-IN-RESIDENCE AT THE CENTER
Replace all general descriptive material with the following: Prerequisite for this term is NE 152. The spring term at the Center emphasizes social sciences, northern policy studies, community development in the North and related contemporary problems. This term also includes several field excursions, normally in the second half of the semester.

NE 360 THE POLITICAL ECONOMY OF RESOURCE MANAGEMENT. Staff.

NE 370 NORTHERN POLICY STUDIES. Staff.

NE 380 COMMUNITY DEVELOPMENT IN THE CIRCUMPOLAR NORTH

NE 390 NORTHERN LEGAL ISSUES

NE 395 NORTHERN RESOURCE CONFLICTS.

SEMINAR SERIES. Staff.

PHILOSOPHY

Professors: Lynne Baker (on leave all year), Stanley Bates, Hiroshi Miyaji, Victor Nuovo (chair). Assistant Professor: Richard Arthur. Visiting Assistant Professor: Philip Gasper.

Replace the paragraph under Major Program with: Majors will elect ten courses in the department inclusive of senior work. PA 180 and PA 223 are strongly recommended. Majors must elect one course in ethics, one in philosophy of science or the theory of knowledge, one in the history of philosophy. Cognate courses, particularly in the areas of political science and religion, may be substituted for no more than two departmental courses. Substitutions require the prior approval of a major's departmental adviser and must be in the 200-range and above.

Senior Work: Senior work consists of two seminars taken during the senior year. All senior majors are required to take the two seminars currently listed. This requirement will not be waived for students doing departmental honors.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 023 REASON AND BEYOND. Fall. Mr. Nuovo.

*PA 150 INTRODUCTION TO PHILOSOPHY. Fall, Spring.

*PA 180 INTRODUCTION TO MODERN LOGIC. Fall, Spring. Mr. Gasper (Fall), Mr. Arthur (Spring).

*PA 190 ETHICS AND THE ENVIRONMENT. Spring. New Description. The first part of this course will be devoted to an examination of the moral life, how it is to be lived and judged and how the realm of nature, of animate and inanimate things and systems enters into the sphere of morality. Selected writings of Kant, Emerson and Thoreau will be read as well as more recent literature on the concept of "respect for nature." The second part of the course will be devoted to selected problems concerning conservation, preservation of wild areas, vivisection and other issues pertaining to the human use of animals. Mr. Nuovo.

(*PA 201 ANCIENT GREEK PHILOSOPHY)

(*PA 202 MODERN PHILOSOPHY FROM DESCARTES TO PEIRCE)

(PA 205 HUMAN NATURE AND ETHICS)

(*PA 212 INTRODUCTION TO THE HISTORY OF MODERN SCIENCE)

(PA 213 PHILOSOPHY OF RELIGION)

PA 222 AMERICAN PHILOSOPHY. Spring. New Description. This course will begin with an investigation of the "American Enlightenment"--that complex adaptation of European thought which lay behind the invention of America. We shall then discuss Transcendentalism, another current of American thought which must be viewed against its European background of idealism and Romanticism--with Emerson and Thoreau as principal figures. The last part of the course will concern the professionalization of philosophy and the development of what is usually thought to be the characteristic American philosophy, pragmatism. The central figures are C.S. Peirce, William James and John Dewey, and the contemporary inheritors of the pragmatic tradition, W.V. Quine and Nelson Goodman. Mr. Bates.

(PA 223 INTRODUCTION TO CONTEMPORARY PHILOSOPHY)

PA 230 PHILOSOPHY OF SCIENCE. Fall. New Description. What is science? How can we distinguish it from pseudoscience? Is there a unique scientific method? What are the roles of theory and experiment, hypothesis and observation? In addressing these questions we will be led to examine the development of science, and to question the prevailing conception of scientific knowledge as progressive, cumulative and objective. This will lead us to further questions about ontology: "What is the reality status

of things like phlogiston, ether, light rays and quarks?"; and the scope of science: "Is science an ideally rational enterprise, or only one among many viable intellectual traditions that society might adopt?" (Some background in philosophy or natural science. Recommended: PA 180.) Mr. Arthur.

(PA 231 PHILOSOPHY OF HISTORY)

(PA 233 AESTHETICS)

PA 250 EARLY MODERN PHILOSOPHY. Fall. New Description. This course will consider the work of three major philosophers of the 17th and 18th centuries who are of central importance in the development of modern philosophy: Descartes through his Discourse and Meditations, Hume in his Treatise of Human Nature and Kant through the Critique of Pure Reason. We shall seek to understand these philosophical theories as responses to the perceived threat of skepticism. Mr. Bates.

PA 253 CONFUCIANISM AND THE CONFUCIAN TRADITION IN EAST ASIA. Fall. New Description. This course will inquire into the origin and development of Confucianism and Neo-Confucianism in China, and its impact upon and adaptation by Japanese (especially during the Tokugawa period) and Korean (especially Yi T'oege and the Neo-Confucian orthodoxy on the Yi dynasty) thought. The course involves extensive readings and discussion of selected texts in translation. (There is no prerequisite, but RE 115 is recommended.) Mr. Miyaji.

(PA 255 KIERKEGAARD, MARX, AND NIETZSCHE)

(PA 256 TOPICS IN JAPANESE PHILOSOPHY)

(PA 280 INTERMEDIATE LOGIC)

(PA 309 PHILOSOPHY OF LAW)

PA 310 COMPARATIVE PHILOSOPHY. Spring. New Course. An examination of philosophical concepts and problems from a cross cultural point of view: concepts of value, the possibility of a transcendent being (God or gods), the nature of thought, free will vs. determinism, the relation of mind and body. The study will focus on selected texts from different traditions: India, China, Japan, Ancient Greece and Europe. Mr. Miyaji.

PA 331 HISTORY OF MATERIALISM. Spring. New Description. Of all philosophical doctrines, Materialism has the longest history, appearing first with the Greek Atomists of the 5th century B.C. What makes it also one of the most interesting is its pivotal and controversial role as mediator between progressive science and radical politics. We shall be tracing its history from the Greek Atomists and Epicureans, through Hobbes and the 18th century French Enlightenment thinkers like Diderot, d'Holbach and LaMettrie , to the Germans Feuerbach, Marx and Engels. Mr. Arthur.

PA 351 THEORY OF KNOWLEDGE. Spring. New Course. An inquiry into the nature and justification of human knowledge. What is involved in any claim to know something? What is the relation between knowledge and perceptions, knowledge and belief, knowledge and understanding, knowledge and reality? Although classical theories of knowledge and skepticism will be considered, the main focus of the course will be on the contemporary philosophical discussion. Mr. Gasper.

(PA 352 PHILOSOPHY OF MIND)

PA 354 PHILOSOPHY OF LANGUAGE. Fall. Throughout the 20th century, and especially after publication of Saul Kripki's Naming and Necessity in 1972, philosophy of language has been at the center of the philosophical stage. This course will examine some of the following hotly debated issues: truth and meaning, speech acts, reference and descriptions, proper names, metaphor and the possibility of a logically private language. Mr. Gasper.

SEMINARS
(PA 402 THE PHILOSOPHY OF ARISTOTLE)

(PA 405 HOBBES AND LEIBNIZ)

(PA 407 HEGEL'S PHENOMENOLOGY)

PA 410 WITTGENSTEIN. Spring. New Description. A study of Wittgenstein's early Tractatus and his major later work, Philosophical Investigations and the continuities and discontinuities between them as reflected in this posthumously published diaries, journals and lectures. Among topics to be discussed will be Wittgenstein's views about language, skepticism, and philosophy itself. Mr. Nuovo.

PA 415 CONTEMPORARY MORAL THEORY. Fall. New Course. It is sometimes asserted by those unacquainted with contemporary "analytic" philosophy that it has abandoned traditional philosophical issues about reality and value. In this seminar, we shall see the untruth of this charge in our reading of a number of works of the last decade by analytic philosophers such as Tom Negal, Bernard Williams and Alasdair MacIntyre which investigate the possibility of moral knowledge. Mr. Bates.

(PA 416 CONTEMPORARY AESTHETICS)

PA 500 RESEARCH IN PHILOSOPHY. Fall, Spring.

PHYSICAL EDUCATION AND ATHLETICS

Under Conditioning-type Courses, delete Hydra Gym Conditioning and add Circuit Training.

Note: The registration dates for physical education courses have been deleted.

Season Dates
September 19-October 28, 1988
October 31-December 9, 1988
January 9-February 3, 1989
February 13-March 17, 1989
April 3-May 5, 1989

PHYSICS

Professors: Robert Gould, Frank Winkler, Richard Wolfson (chair). Associate Professors: Jeffrey Dunham (on leave all year), Robert Prigo. Visiting Assistant Professor: Stephen Ratcliff.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 026 THE ART AND PHYSICS OF STRUCTURAL ENGINEERING. Fall. Mr. Prigo.

*PS 101 PHYSICAL REALITY AND HUMAN THOUGHT. Spring. Mr. Wolfson, Mr. Winkler.

(PH 105 PHYSICS OF SPORTS)

PH 109 MECHANICS. Fall, Spring. Mr. Prigo and Mr. Gould (Fall), Mr. Gould and Staff (Spring).

PH 110 ELECTRICITY AND MAGNETISM. Spring. Mr. Wolfson and Staff.

PH 131 STRUCTURES AND MACHINES. Deleted.

*PH 155 AN INTRODUCTION TO THE UNIVERSE. Fall. Mr. Ratcliff.

PH 180 NUCLEAR TECHNOLOGY: THE PROMISE AND THE PERIL. Fall.

PH 201 RELATIVITY AND QUANTUM PHYSICS. Fall. Mr. Winkler, Mr. Ratcliff.

PH 202 ATOMIC AND NUCLEAR PHYSICS. Spring. Mr. Prigo.

PH 212 APPLIED MATHEMATICS FOR THE PHYSICAL SCIENCES. Spring.

PH 221 ELECTRONICS FOR SCIENTISTS. Fall.

PH 266 CONTEMPORARY ASTRONOMY AND ASTROPHYSICS. Spring.

PH 302 ELECTROMAGNETIC THEORY. Fall. Mr. Wolfson.

PH 311 QUANTUM PHYSICS APPLICATIONS. Fall.

(PH 330 ANALYTICAL MECHANICS)

PH 350 STATISTICAL MECHANICS. Spring. New Description. The course opens with an examination of the fundamental concepts of probability, statistics and distribution functions. These opening remarks are followed by an in-depth discussion of the concepts of energy, energy quantization and the application of these concepts to the modeling of macroscopic systems. The remainder, and heart, of the course is contained in the study of statistical mechanics and its application to a variety of classical and quantum systems. Topics that will be covered include statistical thermodynamics, Maxwellian distributions, imperfect gases, equipartition theorem, quantum statistics, heat capacities of solids, dielectric and paramagnetic systems, radiation, phase transitions and ideal quantum gases. (PH 201 or permission.) 3 hrs. lect. Offered in alternate years. Mr. Gould.

PH 401 QUANTUM MECHANICS. Spring. Staff.

(PA 402 ADVANCED QUANTUM MECHANICS)

(PH 405 NUCLEAR AND PARTICLE PHYSICS)

PH 500 INDEPENDENT STUDY AND SPECIAL TOPICS. Fall, Spring.

PH 705 SENIOR RESEARCH AND THESIS. Fall, Winter, Spring.

POLITICAL SCIENCE

Professors: Murray Dry, Russell Leng, Paul Nelson, Olin Robison, David Rosenberg. Associate Professors: Eric Davis (chair), Michael Kraus. Assistant Professor: Gary Meyers.

Major Program. Under Required for the Major in Political Science, replace all copy with: A major must take ten regular fall or spring term political science courses, including (1) PS 101 or 107; (2) PS 103; (3) fulfillment of the field distribution requirement; and (4) completion of the senior program. The first two of these requirements should normally be completed before the end of the sophomore year. Students in the classes of 1989, 1990 and 1991 may substitute PS 104 or PS 208 for PS 103 as a major requirement.

Under Joint Majors, delete reference to PS 101 and PS 208.

Under International Major, delete reference to PS 101 and PS 208.

Add the following new category to the major program description:
Advanced Placement: College credit will be granted for scores of 4 or 5 in the College Board Advanced Placement Examinations in American Politics and/or Comparative Politics. Receipt of advanced placement credit does not entitle the student to exemption from any of the requirements for the major in political science.

FRESHMAN SEMINARS
Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 008 CONSTITUTIONAL CONTROVERSIES AND CONTEMPORARY POLITICAL ISSUES. Fall. Mr. Davis.

FS 022 SEVENTEENTH CENTURY STUDIES. Fall. Mr. Nelson.

INTRODUCTORY COURSES
*PS 101 INTRODUCTION TO POLITICAL SCIENCE. Fall.

PS 102 THE AMERICAN POLITICAL REGIME. Spring.

PS 103 PATTERNS OF GOVERNMENT: INTRODUCTION TO COMPARATIVE POLITICS. Spring. New Title and Description. This course will introduce students to the theory, methods and substance of modern political analysis. Through comparative study of Western democracies, Communist systems, and developing countries, we will examine questions such as: What are the stakes of politics? How is political competition organized? Who participates? Who benefits? What are the overall results? The course will include an introduction to problems of research design, conceptualization of hypotheses, and the collection, analysis and interpretation of data using personal computers. Some sections of the course will meet the College Writing requirement. Required of political science majors in the class of 1992 and beyond. (Freshman and sophomores or permission.) Mr. Meyers, Mr. Rosenberg.

PS 104 INTRODUCTION TO AMERICAN POLITICAL PROCESSES. Fall.

*PS 107 POLITICS AND THE STUDIES OF POLITICS. Spring.

POLITICAL THEORY

*PS 101 (See above.)

*PS 107 (See above.)

PS 317 CLASSICAL POLITICAL PHILOSOPHY. Fall.

(PS 318 POLITICAL PHILOSOPHY: MODERNITY)

PS 401 SEMINAR ON POLITICAL PHILOSOPHY. Spring. Mr. Nelson.

(PS 409 SEMINAR ON POLITICAL PHILOSOPHY)

AMERICAN POLITICAL INSTITUTIONS

PS 102 (See above.)

PS 104 (See above.)

PS 208 THE POLITICS OF THE U.S. CONGRESS. Spring.

PS 305 AMERICAN CONSTITUTIONAL LAW: THE FEDERAL SYSTEM. Fall. New Description. Drawing mainly on Supreme Court decisions from separate reprints and Gerald Gunther's casebook, and also on interpretive books and essays, this course studies the Marshall Court, the Taney Court, the Civil War cases, the pre-and post-1937 Court, and the Warren and Burger Courts. The earlier cases focus on governmental powers in a federal system; the recent cases focus on the equal protection clause of the Fourteenth Amendment. A Mock Court case is anticipated. (Open to juniors and seniors with PS 102, or permission.) Mr. Dry.

(PS 306 AMERICAN CONSTITUTIONAL LAW: INDIVIDUAL RIGHTS)

(PS 312 THE POLITICS OF THE FEDERAL BUREAUCRACY)

(PS 314 THE POLITICS OF AMERICAN URBAN AREAS)

PS 402 SEMINAR IN CONSTITUTIONAL LAW. Spring. Mr. Dry.

PS 410 SEMINAR ON POLITICAL PARTIES AND INTEREST GROUPS IN AMERICA. Deleted.

PS 425 SEMINAR ON THE AMERICAN PRESIDENCY. Spring. New Description. The first part of the seminar will be devoted to an intensive examination of the 1988 Presidential election. We will attempt to place this election in the context established by research on previous American elections. The second part of the seminar will consist of an examination of problems in organizing and staffing the Presidency, legislative-executive relations, and relations between the Presidency and the executive bureaucracy. (Permission.) Mr. Davis.

COMPARATIVE POLITICS

PS 103 (See above.)

(PS 210 THE POLITICS OF MODERNIZATION IN THE THIRD WORLD)

PS 220 ASIAN POLITICS. Fall. New Description. This course provides an introductory survey of contemporary politics in Asia, with primary emphasis on China and Japan. The basic institutions of power will be examined as well as current issues of domestic and foreign policy. Mr. Rosenberg.

PS 225 COMPARATIVE POLITICS: WESTERN EUROPE. Spring.

PS 227 SOVIET POLITICS. Fall.

PS 328 COMPARATIVE COMMUNISM. Spring.

PS 404 (See below.)

PS 406 SEMINAR IN COMPARATIVE POLITICS: WESTERN EUROPE. Fall. Mr. Meyers.

PS 414 SEMINAR IN COMPARATIVE POLITICS: SOVIET UNION AND EASTERN EUROPE. Fall.

PS 430 (See below.)

INTERNATIONAL RELATIONS AND FOREIGN POLICY

PS 201 INTERNATIONAL POLITICS. Fall, Spring. Mr. Leng.

PS 301 NUCLEAR WEAPONS AND WORLD POLITICS. Deleted.

(PS 302 INTERNATIONAL CONFLICT RESOLUTION)

(PS 304 INTERNATIONAL POLITICAL ECONOMY)

PS 311 AMERICAN FOREIGN POLICY. Fall.

PS 404 SEMINAR ON THE GLOBAL POLITICAL ECONOMY. Fall. New Description. A study of "who gets what, how and why" in the international division of labor and income. The seminar will analyze the institutions (e.g., the IMF, World Bank, multinational corporations, OPEC) and processes (e.g., trade and financial flows) which govern the international economy, with special emphasis on the relations between industrialized and developing countries. (Permission.) Mr. Rosenberg.

PS 405 SEMINAR ON THE CAUSES OF WAR. Fall. New Description. An examination of contemporary research on the causes of war proceeding from several perspectives, including the perceptions and beliefs of national leaders, state attributes, the international environment, and conflict bargaining. The research techniques studied include comparative case studies, quantitative analysis, and game theory. Each student will complete a case study of a particular war, or prepare the research design for a quantitative study. Some background in statistics is recommended. (PS 201 or PS 311, and permission.) Mr. Leng.

PS 408 SEMINAR ON UNITED STATES-SOVIET RELATIONS. Spring.

PS 412 SEMINAR ON DIPLOMACY. Spring. New Prerequisites. (Permission.)

(PS 416 SEMINAR IN INTERNATIONAL RELATIONS: INTERNATIONAL RELATIONS THEORIES)

PS 430 SEMINAR ON U.S.-ASIAN RELATIONS. Spring. New Description. This course examines the major issues and current policy options in contemporary Asian-American relations. Topics to be investigated are (1) Strategic alliance and economic rivalry between Japan and the United States, (2) diplomatic normalization and economic reconstruction in U.S.-China Relations, (3) the causes and consequences of U.S. interventions in Indochina and the current U.S.-Vietnam stalemate, (4) strategic and economic interest vs. human rights in Philippine-American relations. (Permission.) Mr. Rosenberg.

INDEPENDENT PROJECTS

PS 500 ADVANCED PROJECTS

PS 700 HONORS THESIS

PSYCHOLOGY

Professors: A. Hunt Ewell, David Prouty. Associate Professors: Marc Riess, Bob Osborne (chair). Visiting Associate Professor: William Frey. Scholar-in-Residence: Eleanor Gibson.

Major Program. Under Senior Program, change the list of advanced seminar courses in psychology to: PY 411, PY 412, PY 416 (or PY 417), PY 426.

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official catalog:

FS 027 THE ELUSIVE MIND. Fall. Mr. Prouty.

PY 105 INTRODUCTION TO PSYCHOLOGY. Fall, Spring.

PY 201 STATISTICAL ANALYSIS. Spring. New Title and Description. Statistical analysis is seen in this course as the process of asking meaningful questions of a set of data and getting quantitative answers to them. The questions obviously include matters of central statistical inference. Throughout the course the interrelations of the questions and the interrelations of their quantitative answers are stressed. The course includes weekly computer laboratory work in addition to regular class meetings. (The winter term course, Data Handling with MINITAB, is highly recommended before taking PY 201. Credit is not given for PY 201 if the student has taken EC 210 previously or concurrently.) Mr. Ewell.

PY 203 SOCIAL PSYCHOLOGY. Fall.

PY 204 PERSONALITY PSYCHOLOGY. Spring.

PY 207 CONDITIONING AND LEARNING. Spring

PY 208 MEMORY AND THINKING. Spring.

PY 225 CHILD PSYCHOLOGY. Fall.

PY 226 ADULT DEVELOPMENT AND AGING. Spring.

PY 301 PHYSIOLOGICAL PSYCHOLOGY. Fall.

PY 300 ADDICTION. Spring. New Course. This course will review the current research regarding the etiology of addicting behaviors. Addictions to eating, sex, substances, and gambling will be the primary focus. Treatment of the addicted person(s) in clinical settings will be evaluated. (Two psychology courses beyond PY 105.) Mr. Frey.

PY 302 RESEARCH METHODS IN PSYCHOLOGY. Fall. New Description. This course focuses on matters of design, analysis, and interpretation of psychological research. During the course students design research, gather data in laboratory sessions, and write up their findings in the form used by psychologists in their publications. The course also involves reading the published literature of psychology to evaluate research design and analysis in that literature. Lab. (PY 201.) Mr. Ewell.

PY 304 CHILD PSYCHOPATHOLOGY. Fall. New Course. This course will review "normal" human bio-psycho-social development to provide the context for discussion of behavior problems observed in children and adolescents. The major categories of child psychopathology will be covered with special attention being given to assessment techniques, etiological hypotheses and treatment paradigms. Clinical cases will be presented to demonstrate the functional utility of the material covered. (Two psychology courses.)

(PY 306 THE EXCEPTIONAL CHILD)

PY 325 ABNORMAL PSYCHOLOGY. Fall.

PY 350 DIRECTED RESEARCH IN PSYCHOLOGY. Fall, Spring.

(PY 411 CONTEMPORARY ISSUES)

PY 412 ISSUES IN CLINICAL PSYCHOLOGY. Spring. New Description. Initially described as a "talking cure," psychotherapy has been practiced and defined by numerous theorists and clinicians. This seminar will cover key elements of the psychotherapy encounter within the context of the cornerstone theories and techniques. Application of these major counseling techniques to a wide range of clinical problems should aid in the understanding of the development, efficacy and issues surrounding treatment of psychopathology. (Three psychology courses beyond the introductory level, or permission.) Mr. Frey.

PY 415 SELF-PRESENTATION. Deleted.

PY 416 LIMBIC SYSTEM. Spring. New Description. The limbic system consists of a number of phylogenetically old, highly interconnected, forebrain structures thought to be involved in complex behavioral systems (motivational, emotional, learning, and memory). This seminar course will utilize recent journal literature on limbic system functions both to understand this complex system and to develop skills necessary for evaluating theories, carrying out critical reviews and/or developing specific research proposals. (PY 301 or permission.) Mr. Osborne.

(PY 417 PHYSIOLOGICAL BASIS OF LEARNING AND MEMORY)

PY 421 NONVERBAL BEHAVIOR AND COMMUNICATION. Deleted.

PY 426 FREUD AND PSYCHOANALYTIC THEORY. Fall. New Title and Description. This seminar begins with an intensive reading of the writings of Sigmund Freud, from the very early works up through his very late paper: Analysis: Terminable and Interminable. The writings of later psychoanalysts are viewed in light of what they add to, or modify in, psychoanalytic theory and practice. (PY 325 and two additional psychology courses beyond PY 105.) Mr. Ewell.

PY 500 ADVANCED RESEARCH. Fall, Spring.

PY 703 HONORS CANDIDACY. Spring.

RELIGION

Professors: Robert Ferm (chair), (on leave winter and spring), Donald Lopez, Steven Rockefeller, Charles Scott. Visiting Professor: Bernhard Anderson (spring). Assistant Professor: O. Larry Yarbrough (on leave all year). Instructor: Robert Schine. Visiting Instructor: Katherine Sonderegger.

Major Program. Replace IV. with: The Senior Seminar (RE 340 or designated course) in the spring term of the senior year.

INTRODUCTORY COURSES

*RE 105 AN INTRODUCTION TO THE ENGLISH BIBLE. Fall. Mr. Scott.

*RE 110 FOUNDATIONS OF WESTERN RELIGIOUS LIFE AND THOUGHT. Spring.

*RE 115 INTRODUCTION TO EASTERN RELIGIOUS THOUGHT. Fall.

COURSES ON RELIGIOUS TRADITIONS

*RE 201 THE JEWISH TRADITION. Fall.

RE 202 THE MAKING OF MODERN JUDAISM. Spring. New Course. The dissolution of the Jewish ghettos of medieval Europe and the gradual integration of the Jews into modern society compelled them to rethink and remake their beliefs and ways of life. We will study these transformations in the early modern period and seek to understand present-day Judaism in their light. Topics will include: Spinoza's challenge to revealed religion; Jewish thinkers and the Copernican world-view; the German Enlightenment: Mendelssohn and Lessing; the Haskalah; Hasidism and its opponents; the Reform movement in Europe and America; "political" and "cultural" Zionism; modern branches of Judaism. Mr. Schine.

RE 204 THE CHRISTIAN TRADITION. Fall.

RE 209 THE HINDU TRADITION. Spring. The development of the Hindu tradition from the Indus Valley civilization (c. 2500 B.C.) to the struggle for independence from Britain led by Gandhi in the early decades of the 20th century. The course will concentrate on the texts and thinkers which define the multifarious religious phenomenon called Hinduism, paying special attention to the Upanishads, the Bhagavadgita, classical Hindu philosophy, and protestant movements within the tradition. Mr. Lopez.

RE 210 THE BUDDHIST TRADITION: INDIA AND TIBET. Fall. Mr. Lopez.

(RE 211 THE BUDDHIST TRADITION: CHINA AND JAPAN)

(RE 212 CHINESE RELIGIONS)

(RE 215 SHINTO: JAPANESE INDIGENOUS RELIGIOUS BELIEFS)

(RE 217 GRECO-ROMAN RELIGIONS)

(*RE 220 THE SHAPING OF AMERICAN RELIGIOUS LIFE)

COURSES ON TEXTS AND TOPICS

RE 280 STUDIES IN HEBREW BIBLE/OLD TESTAMENT. Spring. New Description. The story of a people as set forth in the three parts of the Hebrew Bible: Torah, Prophets, and Writings. This introductory course will include such topics as the Exodus and the giving of the law at Sinai, the narratives of Genesis, prophecy in the Mosaic and Davidic traditions, the Deuteronomistic History, the Exile and the problem of suffering, wisdom literature, apocalyptic visions, and the prayers and praises of the Psalms. The final sessions of the course will be devoted to a consideration of the status of the Hebrew Bible in Jewish and Christian tradition. Mr. Anderson.

(RE 281 STUDIES IN THE NEW TESTAMENT)

RE 290 FEMINISM AND RELIGION: GENDER ANALYSIS IN THE HISTORY, THEOLOGY AND SACRED WRITINGS OF THE WEST. Spring.

RE 292 PSYCHOLOGY OF RELIGION. Fall.

RE 295 VOICES OF DISSENT, RESISTANCE, AND LIBERATION. Fall. New Description. A study of contemporary movements within Protestantism and Roman Catholicism which appear as challenges to or dissent from these traditional forms of Christianity. Black theology, Latin American Liberation theology and Feminist theology will be emphasized. James Cone, Allan Boesak, Juan Secundo, Leonardo Boff, Letty Russell, Mary Daly and Rosemary Reuther are among the theologians whose works will be consulted. Mr. Scott.

SEMINARS IN RELIGION

RE 301 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE NINETEENTH CENTURY. Fall.

RE 302 MODERN VIEWS OF GOD AND RELIGIOUS LIFE: THE TWENTIETH CENTURY. Spring.

(RE 303 THEORIES OF RELIGION)

(RE 304 SEMINAR IN JEWISH THOUGHT)

RE 305 THE IDEA OF GOD. Spring. New Course. An exploration of the nature and significance of selected ideas of God with an emphasis on contemporary western thinkers. The views of philosophers, theologians and mystics will be considered. The course will inquire into modern psychological, philosophical and feminist criticisms of traditional theology and note their impact on new interpretations of the reality and the nature of God. The contribution of non-Western traditions to contemporary western views will be discussed. Special attention will be given to the implications of various ideas of God for attitudes toward the

self, other persons, society and the natural environment. Mr. Rockefeller.

(RE 306 FROM PURITANISM TO THE GOSPEL OF WEALTH)

(RE 307 THREE AMERICANS: JAMES, DEWEY AND NIEBUHR)

RE 308 SEMINAR IN AMERICAN RELIGIOUS HISTORY. Fall. Topic remains the same in 1989-90.

RE 309 SEMINAR IN BIBLICAL STUDIES. Spring. New Description. Topic for 1988-89: Biblical Doctrine of Creation. A consideration of major texts in the Hebrew Bible/Old Testament dealing with creation: the Genesis creation story, psalms of creation (e.g. , Pss. 8, 19, 104), prophetic proclamation (especially Isa. 40-55), wisdom teaching (e.g., Proverbs 8), and apocalyptic visions of "new creation" and their implications for the dialogue between science and religion, ecological concerns, relation between the sexes, and other issues. Mr. Anderson.

(RE 310 SEMINAR IN CHRISTIAN THEOLOGY)

RE 311 BUDDHIST PHILOSOPHY. Spring. New Description. The topic of the seminar this year is "Buddhism and the Feminine." The course will focus on four areas: an investigation of references to women in the Buddhist literatures of India, Tibet, China, and Japan; a study of literature by Buddhist women; an appraisal of Buddhist attitudes toward the body; and an analysis of selected Buddhist texts and cultural institutions from the perspective of modern feminist criticism. Mr. Lopez.

(RE 312 BUDDHIST AND CHRISTIAN ENLIGHTENMENT)

(RE 314 SEMINAR IN CHRISTIAN ORIGINS)

RE 320 SEMINAR ON THE HOLOCAUST. Spring. New Course. The objectives of this course are: to study the roots of Anti-Semitism in modern Germany and the history of the persecution and mass murder of the Jews in German-occupied Europe during the Second World War; to explore how human beings strive to retain their humanity in the extreme circumstances of the ghettos and death camps; to consider Jewish behavior during the Holocaust against the background of traditional responses to catastrophe; to explore the problems faced by survivors; and to grapple with some of the moral and religious questions raised by the Holocaust. Mr. Schine.

(RE 340 SEMINAR IN THE HISTORY OF RELIGION)

RE 500 INDEPENDENT RESEARCH

RE 700 SENIOR RESEARCH FOR HONORS CANDIDATES

The list of cognate courses remains the same.

RUSSIAN

Professors: Robert Baker, Thomas Beyer (chair), Sergei Davydov. Assistant Professors: Ann Marie Basom, Kevin Moss (at Middlebury in Moscow). Visiting Assistant Professor: Karen Black. Lecturers: Alexandra Baker, Judith Olinick.

Major Program. In paragraph five, change references from "RU 311" and "RU 321" to "RU 323" and "RU 324."

Replace the penultimate paragraph of the general program description with: Middlebury offers two semester-length programs at the Pushkin Russian Language Institute in Moscow each year. These programs, one taught in the fall and one in the spring, are open to undergraduates who are United States citizens and who have had at least the third-year Russian course at Middlebury. Students who begin Russian language study as freshmen will thus have to spend a summer in the Russian School in order to participate in the Moscow program as juniors. Interested students should consult with the chair as early as possible concerning the program, since the number of places is limited.

The courses taught in the Middlebury program in the Soviet Union are: Advanced Practical Phonetics; Development of Oral Proficiency; Topics in Advanced Syntax; Contemporary Russian Language; Introduction to Area Studies; Russian and Soviet Literature and Methods of Teaching Russian, offering a total of 5 1/2 units of credit.

FRESHMAN SEMINARS

Descriptions for the following courses will appear under Freshman Seminars in the official Catalog:

FS 002 MEMORY, IMAGINATION AND MEANING. Fall. Mr. Beyer.

FS 009 THE VIEW FROM THE KREMLIN. Fall. Mr. Davydov.

FS 024 SPEAKING OF LANGUAGE. Fall. Ms. Olinick.

RU 101 BEGINNING RUSSIAN. Fall, Mr. Beyer and Staff.

RU 102 BEGINNING RUSSIAN. Spring. Mr. Beyer and Staff.

(RU 104 RUSSIAN FOR READING)

*RU 151 RUSSIAN LITERATURE'S GOLDEN AGE (1830-1880) (IN ENGLISH) Fall. Ms. Basom.

*RU 152 REVOLUTIONARY LITERATURE IN A REVOLUTIONARY SOCIETY: RUSSIAN MODERNISM (1880-PRESENT) (IN ENGLISH). Spring. Ms. Basom.

RU 201 INTERMEDIATE RUSSIAN. Fall.

RU 202 INTERMEDIATE RUSSIAN. Spring.

RU 301 RUSSIAN CONVERSATION AND COMPOSITION. Fall.

RU 302 RUSSIAN CONVERSATION AND COMPOSITION. Spring.

RU 311 MASTERPIECES OF RUSSIAN LITERATURE. Deleted.

RU 321 SOVIET MAN AND HIS WORLD. Deleted.

RU 323 RUSSIAN CULTURE AND CIVILIZATION. Fall. New Course. Lectures and readings in Russian covering the time period between the foundation of Kievan Rus and the mid-19th century. Additional readings in English will be supplemented by class discussions, oral and written reports in Russian. (RU 202 or equivalent.) Mr. Davydov.

RU 324 RUSSIAN-SOVIET CULTURE AND CIVILIZATION. Spring. New Course. Lectures and readings in Russian from the second half of the 19th century until the present. Additional readings in English will be supplemented by class discussions, oral and written reports in Russian. (RU 202 or equivalent.) Mr. Davydov.

RU 351 DOSTOEVSKY (IN ENGLISH). Spring.

(RU 352 TOLSTOY (IN ENGLISH))

(RU 353 RUSSIAN THEATRE (IN ENGLISH))

(RU 354 CHEKHOV (IN ENGLISH))

(RU 356 RUSSIAN LITERATURE OF THE 60'S AND 70'S)

RU 401 ADVANCED LANGUAGE STUDY. Fall. Staff.

RU 402 ADVANCED LANGUAGE STUDY. Spring.

RU 500 ADVANCED STUDIES IN LANGUAGE AND LITERATURE. Fall, Spring.

RU 700 SENIOR INDEPENDENT STUDY PROJECT. Fall, Spring.

RU 704 SENIOR SEMINAR. Fall, Spring. Mr. Davydov.

RUSSIAN AND SOVIET AREA STUDIES

Participating Faculty: David Macey, Director (History), Robert Baker (Russian), Ann Marie Basom (Russian), Thomas Beyer (Russian), Karen Black (Russian), Sergei Davydov (Russian), Michael Kraus (Political Science), Ronald Liebowitz (Geography), Kevin Moss (Russian), Judith Olinick (Russian), Olin Robison (Political Science), Catherine Sokil (Economics).

Major Program. Under OPTION B, replace (c) with: RU 151 or RU 323 (in Russian), RU 324 (in Russian).

In the list of courses, replace RU 311 and RU 321 with:
RU 323 RUSSIAN CULTURE AND CIVILIZATION
RU 324 RUSSIAN-SOVIET CULTURE

SOCIOLOGY/ANTHROPOLOGY

Professors: David Andrews (on leave all year), Rudolf Haerle (chair), Margaret Nelson. Assistant Professors: Ellen Basu, Frank Fairfax, David Napier, E. Burke Rochford (on leave all year). Visiting Instructor: Jean Burfoot.

Major Program. Under Joint major, replace all copy with: There is an established sociology/psychology joint major. From the Sociology/Anthropology Department, the student must take SA 105, SA 205, SA 352, either SA 301 or SA 302, one related course (from among SA 103, SA 191, SA 316, SA 355, SA 388), one 400-level seminar, and one other elective in Sociology/Anthropology.

From the Psychology Department, the student must take PY 105, PY 201, PY 203, one related course (from among PY 204, PY 225, PY 226, PY 325), another related course (from among PY 207, PY 208, PY 301), a 400-level seminar, and one other elective in Psychology. Consult respective department chairs for details regarding senior work.

FRESHMAN SEMINARS
A description of the following course will appear under Freshman Seminars in the official Catalog:

FS 001 VERSIONS OF THE FOREIGN. Fall. Ms. Basu, Mr. Clifford, Mr. Knox.

INTRODUCTORY COURSES
SA 103 SELECTED TOPICS IN SOCIO-CULTURAL ANTHROPOLOGY. Spring.

*SA 105 SOCIAL MAN AND SOCIAL ORDER: ISSUES IN FREEDOM AND CONSTRAINT. Fall.

SA 170 ANTHROPOLOGY THROUGH THE ARTS. Fall. New Description. Designed with non-majors and humanities concentrators in mind (although not restricted to them), the course considers how anthropological issues are manifested in the arts. Several forms of the liberal and fine arts will be considered, and special emphasis will be placed upon novels that highlight anthropological concerns and on films that analyze or describe major topics in socio-cultural anthropology. We will investigate both how cultures represent themselves and how, in turn, they are represented by others. Mr. Napier.

SA 180 THE ANTHROPOLOGY OF RELIGION. Deleted. (See SA 380, below.)

(SA 190 THE EVOLUTION OF HUMANS AND PREHISTORIC CULTURES)

*SA 191 INTRODUCTION TO WOMEN IN SOCIAL THOUGHT. Fall. New Description. An understanding of the manner in which the distinction between the sexes serves as a basic organizing principal within human societies is essential to all social scientific investigations. This course will offer students an introduction to how social thinkers have dealt with this issue. First, a brief history of women in America will be covered. Second, we will examine explanations for and assumptions about sexual differences in the writings of major Western thinkers. Third, the contributions of contemporary social scientists to our understanding of women's secondary status will be studied. Fourth, we will evaluate several varieties of feminist thought. Ms. Nelson.

THEORY AND METHOD

SA 205 TOPICS IN SOCIAL THOUGHT--STABILITY AND CHANGE. Fall.

SA 301 THE RESEARCH PROCESS--SOCIOLOGY. Spring.

SA 302 THE RESEARCH PROCESS--ANTHROPOLOGY. Fall. Staff.

SOCIAL ORGANIZATION AND COMPARATIVE INSTITUTIONS

SA 304 WOMEN, CULTURE AND SOCIETY. Spring. The study of women cross-culturally raises a number of difficult and delicate issues. Do women constitute a legitimate category of analysis? What explains the diversity of women's roles across societies? How do we assess women's status and power? What forces create changes in women's roles? This course attempts to answer these questions and to compare and contrast women's roles in a variety of societies. Analysis will concentrate on three primary domains: family and kinship; symbolic systems; and political economy. Course readings deal primarily with non-Western societies, but not exclusively so. Ms. Basu.

(SA 307 SOCIAL MOVEMENTS AND COLLECTIVE ACTION)

(SA 308 SOCIOLOGY OF RELIGION)

SA 315 SOCIOLOGY OF EDUCATION. Spring. This course no longer has prerequisites. It still will receive Teacher Education credit, however.

SA 316 THE SOCIOLOGY OF YOUTH. Spring. New Description. In the United States, the transition to adulthood is vaguely defined, resulting in an adjustment period characterized by "sturm and drang." The problems to which this course addresses itself spring from a set of historical, demographic, biological, cultural, economic and institutional forces and developments. Within the framework of a youth culture and peer group support, we shall explore the following types of issues: problems of social and sexual identity and maturity, youth in history and fiction, alienation and political activism, the generation gap, athletic participation and educational experiences, training for work and occupational aspirations, juvenile delinquency and an overreaching concern with ethnic and class differentiations. Alternative solutions to the problems of youth will be considered and evaluated. Mr. Haerle.

SA 338 POLITICAL ANTHROPOLOGY. Spring. New Course. This course is concerned with the exercise of power and authority in various human societies, focusing on values, structures, roles and the processes of change. The societies studied by anthropologists include those with formal government apparatus, as well as those without, where connections among political functions, kinship and religion are especially close. Thus this course deals with societies along a continuum from the small, band-organized to the modern state. Mr. Fairfax.

(SA 345 WORK, LEISURE AND SPORT)

(SA 370 SOCIOLOGY OF INEQUALITY)

SA 380 THE ANTHROPOLOGY OF RELIGION. Spring. New Course. The anthropology of religion is a study of the cultural implications of certain modes of religious thought. The function of specialists, such as shamans and priests, will be analyzed as will several aspects of social organizations that have a religious foundation. Emphasis will be placed on traditional non-Western and tribal societies. (This course replaces SA 180, which has been deleted.) Mr. Napier.

(SA 385 MEDICAL SOCIOLOGY)

(SA 387 SOCIOLOGY OF LAW)

SA 390 THE SOCIOLOGY OF WOMEN. Spring. New Description. This course introduces students to some of the central theoretical approaches, methodological controversies and substantive findings in the sociological analysis of women in contemporary society. Topics to be covered include women and work, the feminization of poverty, reproductive technology, child care policies and political participation. Throughout the course

particular attention will be paid to differences among women on the basis of class, race and ethnicity. Ms. Nelson.

AREA STUDIES

(SA 321 NATIVE PEOPLES OF NORTH AMERICA)

(SA 322 NATIVE PEOPLES OF SOUTH AMERICA)

(SA 326 LATIN AMERICAN CULTURE AND SOCIETY)

(SA 330 PERSPECTIVES OF AMERICAN SOCIETY AND CULTURE)

SA 332 AFRICAN PEOPLES AND CULTURES. Fall.

SA 335 CHINESE SOCIETY AND CULTURE. Fall.

(SA 336 INDIAN SOCIETY)

SA 367 AFRO-AMERICAN ANTHROPOLOGY. Spring. New Course. This course will examine the continuities and transformations of both institutions and culture in New World communities of African descendants. We will focus both on Afro-Americans in the United States and those in other parts of the New World, specifically the Caribbean and South America, to appreciate common elements shared due to African heritage, and differences derived from contact with various European and Native American peoples. We will look at the impact of slavery and socioeconomic deprivations on institutions such as the family and churches, and on the very fundamental notion of racial or ethnic identity. Other topics include language and communication, folklore, music, and other aspects of expressive culture among Afro-Americans. Mr. Fairfax.

SOCIAL PROCESS AND SOCIAL PROBLEMS

(SA 341 URBAN ANTHROPOLOGY)

SA 343 AMERICAN COMMUNITY STUDIES. Fall.

(SA 344 URBAN SOCIOLOGY)

SA 352 SOCIAL PSYCHOLOGY. Spring. New Description. The purpose of this course is to examine the relationship between the individual and society. How individuals shape society and how societies shape individuals will be a central topic of concern. This dialectical relationship will be considered relative to the particular relationship between modern society and the modern individual. Emphasis will also be placed on the ways in which social structures affect the psychological well-being of the modern social actor. Ms. Burfoot.

(SA 354 ETHNIC GROUPS IN THE UNITED STATES)

(SA 355 RACE AND ETHNICITY)

(SA 356 ANTHROPOLOGY OF CHANGE AND DEVELOPMENT)

SA 373 ANTHROPOLOGY OF MUSIC. Fall.

(SA 382 SYMBOLIC ANTHROPOLOGY)

(SA 383 INTRODUCTION TO FOLKLORE)

SA 388 DEVIANCE. Fall. New Description. This course will examine various sociological theories, ways of thinking and understandings about the nature of deviant behavior and its causes. Specific forms of deviance to be examined include mental illness and crime. To be considered also are a range of institutions and agents of social control responsible for processing and treating deviant populations. In considering both the definition and control of deviance, emphasis will be placed on the socio-historical context in which that deviance occurs. Throughout the course, emphasis will thus be focused on what the study of deviance reveals about the nature of society. Ms. Burfoot.

SA 389 THE SOCIOLOGY OF MENTAL ILLNESS. Changed to SA 489; see below.

SA 396 THE SOCIOLOGY OF DEATH AND DYING. Fall. New Course. This course is designed to introduce the student to specific issues which have emerged relative to death and dying in the 20th century. The effects of technology on saving and destroying lives will be considered as will control over life and death decisions. Emotional dimensions of dying and bereavement will be discussed. Emphasis will be placed on the ways in which both traditional and modern societies have responded to the emotions. The topics of suicide will be discussed relative to feelings, explanations and help for the suicidal individual. Finally, the Hospice and broader Death Awareness Movement will be assessed. Ms. Burfoot.

SA 488 SEMINAR ON THE SOCIOLOGY OF EMOTIONS. Spring. New Course. This course explores the ways in which social structure and meaning affect both the production and expression of emotions, taking into consideration cross-cultural examples. Emotions to be considered include happiness, love, anxiety, and grief. Specific topics in the modern social structural environment will include the removal of affect from bureaucratically defined interaction, the commercialization of affect, and selected macro-micro comparisons (e.g., the modern fun-seeking or hedonistic movements vs. localized production of happiness and laughter, and group loss vs individual loss of a loved one.) Ms. Burfoot.

SA 489 THE SOCIOLOGY OF MENTAL ILLNESS (Formerly SA 389). Spring. Staff.

SA 500 ADVANCED INDIVIDUAL STUDY. Fall, Spring.

SENIOR PROGRAM
SA 700 SENIOR ESSAY. Fall.

SA 710 SENIOR THESIS. Fall, Winter.

SPANISH

Professors: Alicia Andreu (chair), Roberto Véguez. Assistant Professors: Eduardo Béjar, Daniel Chamberlain. Lecturer: Judith Liskin-Gasparro.

Under Major Program, replace all copy with: The major consists of a minimum of eleven courses, including the following: 1) SP 300; 2) courses at the 300 level (not including SP 300); and 3) at least one advanced course beyond the 300 level during the senior year. No more than two courses at the 100 level or from the 201-219-220 sequence may be counted toward the major. SP 285-286 may count toward the major.

Under Joint Majors, replace all copy with: The Spanish component of a joint major will consist of at least seven courses from departmental offerings. No more than two at the 100 level or from the 201-219-220 sequence may be counted. SP 285-286 may count. Other requisites include SP 300 and at least one advanced course beyond the 300 level during the senior year.

Under Programs Abroad for Juniors, replace the final sentence with: The deadline for applications is March 1st. Students interested in attending the program in their junior year should consult the dean of the Spanish School, preferably before registration for fall semester of their sophomore year.

The following is a representative list of courses offered in the Middlebury Program for juniors in Madrid in the last few years.

Fall
338 Gobierno e instituciones españolas
339 Política española contemporánea
345 Historia de Latinoamérica contemporánea
348 Instituciones financieras españolas
408 Teoría y práctica de la traducción
465 Poesía española contemporánea

Spring
331 Fondo histórico de España
340 Arte en los museos de Madrid

342 La actualidad española
349 Sistemas políticos contemporáneos
410 El subjuntivo
461 Narrativa de la tierra en Latinoamérica

Replace the final sentence of the program description with: The special project for SP 705 is a thesis.

FRESHMAN SEMINARS
Descriptions for the following two courses will appear under Freshman Seminars in the official Catalog:

FS 051 LITERATURE AND REVOLUTION. Spring. Mr. Véguez, Mr. Berninghausen.

FS 053 VISIONS OF ALIENATION AND ASSIMILATION: HISPANIC WRITERS IN THE UNITED STATES. Spring. Ms. Liskin-Gasparro.

SP 101 INTENSIVE BEGINNING SPANISH. Fall. Ms. Liskin-Gasparro.

SP 102 INTENSIVE BEGINNING SPANISH. Winter. Staff.

SP 103 INTENSIVE BEGINNING SPANISH. Spring. Staff.

(*SP 130 LATIN AMERICAN LITERATURE; CHRONICLES OF CHANGE)

SP 201 INTERMEDIATE SPANISH. Fall. Mr. Chamberlain and Staff.

SP 219 SELF-EXPRESSION IN SPANISH. Fall, Spring. Mr. Béjar, Mr. Chamberlain.

SP 220 SPANISH CONVERSATION. Fall, Spring. Ms. Andreu, Ms. Liskin-Gasparro.

(*SP 231 CAPTAINS, KINGS AND CAUDILLOS (IN ENGLISH))

SP 285 IDEAS AND CULTURES OF SPANISH AMERICA FROM THE CONQUEST TO INDEPENDENCE. Fall. New Course. An analysis of major socio-political and cultural elements present in representative Spanish-American texts, from the initial period of the Conquest to the ensuing Colonial times and Independentist years. Works to be discussed will include native American texts, early chronicles, colonial essays and various forms of discourses of independence. Mr. Béjar.

SP 286 IDEAS AND CULTURES OF SPANISH AMERICA FROM INDEPENDENCE TO THE PRESENT. Spring. New Course. An analysis of major socio-political and cultural elements present in representative Spanish-America texts, from the period of Independence to the present time. Works to be discussed will include Romantic, Modernist and Contemporary political and philosophical essays. Mr. Béjar.

SP 300 AN INTRODUCTION TO THE STUDY OF HISPANIC LITERATURE. Fall, Spring. Mr. Véguez, Ms. Andreu.

SP 301 THE LITERATURE OF SPAIN FROM THE MIDDLE AGES TO 1700. Fall. New Title and Description. An introduction to the masterworks of Spanish literature from its inception to the period of its greatest flowering in the 16th and 17th centuries. Readings will include the great medieval epic of the Cid; the traditional ballads or "romances"; representative selections from both the Don Quijote and its celebrated precursor, La Celestina as well as from other works from Spanish writers of the Renaissance and the Baroque. Mr. Véguez.

SP 302 THE LITERATURE OF SPAIN FROM THE EIGHTEENTH CENTURY TO THE PRESENT. Spring. New Course. An introduction to the masterworks of Spanish literature from the 18th century to the present. We will examine the historical and cultural backgrounds of the period under study and discuss the literary works that best represent it. Students will be required to do class presentations, and to write papers. Ms. Andreu.

SP 303 THE LITERATURE OF SPANISH AMERICA FROM THE CONQUEST TO INDEPENDENCE. Fall. New Title and Description. A critical study of the

development of Spanish-American letters from the arrival of the Spaniards in America to the 19th century period of struggle for independence. Staff.

SP 304 THE LITERATURE OF SPANISH AMERICA FROM THE NINETEENTH CENTURY TO THE PRESENT. Spring. New Course. A critical study of the development of Spanish-American letters from the 19th century movements of independence from Spain to the avant-garde literature of the present. Mr. Chamberlain.

SP 330 LATIN AMERICAN CIVILIZATION. Deleted.

SP 402 CERVANTES Y EL DON QUIJOTE. Spring.

SP 433 CONTEMPORARY SPANISH AMERICAN SHORT STORY. Fall. New Course. Novel laureate Gabriel García Márquez attributes the essence of Spanish America's solitude to a "lack of conventional resources capable of making our reality credible." This course will examine how different narrative perspectives have risen to meet the challenge of communicating an incredible world. Readings will include short stories by García Márquez, Alejo Carpentier, Juan Rulfo, Julio Cortázar, Jorge Luis Borges and Reynaldo Arenas. Mr. Chamberlain.

SP 434 CONTEMPORARY SPANISH AMERICAN THEATRE. Spring. New Title and Description. Representative plays from modern Spanish-American theatre will be analyzed in light of their two most significant themes: the denunciation of social and political constraints placed upon the individual, and the attempt to liberate the dramatic act from narrative conventions. Consequently, this presentation will be complemented by an examination of contemporary experimental techniques which aim to create a total theatrical experience. Students will be encouraged to produce a play as a direct way of understanding the uniqueness of the dramatic genre within literature. Mr. Béjar.

SP 435 FICCION Y MODERNIDAD EN HISPANOAMERICA. Deleted.

(SP 440 ANTI-SLAVERY LITERATURE IN SPANISH AMERICA)

(SP 442 LATIN AMERICAN WOMEN WRITERS: EXPANDING THE CANON)

SP 446 HISTORY AND FICTION IN CONTEMPORARY SPAIN. Fall.

SP 450 WOMEN IN HISPANIC LITERATURE. Deleted.

SP 500 INDEPENDENT STUDY. Fall, Spring.

SP 705 SENIOR HONORS THESIS. Spring. New Title and Description. Delete all information under II (Written Comprehensive Examination). This is no longer an option for Spanish majors.

TEACHER EDUCATION

Associate Professor: Richard Dollase (chair). Lecturers: Joanna Hall, Betsy Thurber.

Major Program. Under Requirements for elementary certification (K-6), delete "music" from 5) and delete "the arts" from 6).

Under Requirements for secondary certification (7-12), add the following new category (between existing 2) and 3)): A Winter Term field experience course working as a teacher assistant in a secondary school.

TE 201 CRITICAL ISSUES IN AMERICAN EDUCATION. Fall.

TE 202 ISSUES OF ADOLESCENT DEVELOPMENT. Spring.

TE 205 METHODS OF TEACHING LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. Spring.

TE 210 METHODS OF TEACHING MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL. Fall.

TE 220 TEACHING READING AND STUDY SKILLS IN SECONDARY SCHOOL SUBJECTS. Fall.

(TE 305 CONTEMPORARY TOPICS IN HIGHER EDUCATION)

TE 404 CURRICULUM DEVELOPMENT IN ELEMENTARY SCHOOLS. Fall, Spring.

TE 405-406-407 STUDENT TEACHING IN ELEMENTARY EDUCATION. Fall, Spring.

TE 414 PROBLEMS AND METHODS IN SECONDARY EDUCATION. Fall, Spring.

TE 415-416-417 STUDENT TEACHING IN THE SECONDARY SCHOOL. Fall, Spring.

Under Field Experience in Teacher Education, replace the first sentence with: This is a course designed to provide practical in-school experience for prospective student teachers. It is also an elective for students who are interested in exploring the possibility of a career in education.

THE PROFESSIONAL SEMESTER
Replace copy related to The Ninth Semester Program with: Students who wish to gain teacher certification but are unable to complete the professional semester during their undergraduate years, may apply to undertake student teaching after their graduation. To be eligible, students must complete all pre-practicum course requirements including 60 hours of field work at an elementary or secondary school, and meet the prerequisites for acceptance into the professional semester (see below). Tuition fee is $1,000. In addition, students will be expected to live off-campus and to provide for their own housing and meals.

Under Prerequisites to the professional semester are as follows, replace 3) (under course requirements that must be completed) with: For all certification fields, the Teacher Assistant Program (winter term) is required.

THEATRE, DANCE AND FILM

Professors: Ted Perry (chair), Chandler Potter, Douglas Sprigg. Associate Professor: Andrea Olsen. Assistant Professors: Cheryl Faraone, Arthur St. Leger Grindon, Richard Romagnoli. Lecturer: Penny Campbell. Technical Director: Richard Forman. Assistant Technical Directors: Bryan Schofield, David Zemmels.

Major Program.	THE THEATRE EMPHASIS:	
Drama:	Add:	THEATRE HISTORY (TH 126)
		CONTEMPORARY WOMEN PLAYWRIGHTS (TH 206)
	Delete:	EUROPEAN DRAMA (EL 111)
Performance:	Delete:	DIRECTING II (TH 224)
	Change:	SPRING REP (From TH 419* to TH 429*)
Design:	Change:	SPRING REP (From TH 419* to TH 429*)

FRESHMAN SEMINARS
A description for the following course will appear under Freshman Seminars in the official Catalog:

FS 013 GENRE AND SPECTATOR RESPONSE IN CINEMA: COMEDY, HORROR AND SUSPENSE. Fall, Spring. Mr. Grindon.

COLLEGE WRITING PROGRAM
If the student registers for the College Writing section then *TH 130 (FILM FORM AND FILM SENSE) fulfills the College Writing requirement.

(TH 106 INTRODUCTION TO DRAMA STUDY)

DEPARTMENTAL COURSES
*TH 116 THE CREATIVE PROCESS: THEATRE, DANCE, FILM. Fall, Spring.

TH 408 INTERPLAY: THEATRE, DANCE, FILM. Deleted.

TH 500 INTERMEDIATE INDEPENDENT PROJECT. Fall, Spring.

TH 700 SENIOR PROJECT. Fall, Spring.

THEATRE COURSES

TH 102 ACTING I. Fall, Spring. Mr. Romagnoli.

TH 126 THEATRE HISTORY. Fall. New Course. Using the dramatic text as the primary focus, this course will chart the progression of theatre from its ritualistic origins to the advent of modern drama. This survey will include the study of theatrical architecture, the evolution of design and acting styles and the introduction of the director. Since theatre has never existed in a void, a consideration of the social, cultural, political and scientific milieux of each era studied will be included in the course. Through a major paper, students will have the opportunity to more closely research aspects of a particular period. Mr. Romagnoli.

TH 202 ACTING II. Spring. Mr. Sprigg.

TH 206 CONTEMPORARY WOMEN PLAYWRIGHTS: SEARCHING FOR HISTORY AND ILLUMINATING THE PRESENT. Spring. The course will include readings and discussions of the work of a number of the most influential and interesting American, Canadian, Australian and European playwrights of the 1970's and 1980's. Authors to be explored include Maria Irene Fornes, Caryl Churchill, Pam Gems, Wendy Kesselman, Corinne Jacker and others. The playwrights' concerns range from the domestic to the apocalyptic and their stylistic choices are equally wideranging. In addition to the study of individual works, the course will also include an overview of the authors' relationship to the culture and to the art form. Ms. Faraone.

TH 213 LIGHTING DESIGN. Fall.

TH 214 DIRECTING I. Fall. Ms. Faraone.

(TH 216 AMERICAN DRAMA)

TH 218 PLAYWRITING I. Fall.

(TH 221 SCENE DESIGN)

(TH 226 MODERN DRAMA)

(TH 228 NEW PLAYS: PLAYWRIGHT AND DIRECTOR)

TH 302 VOICE FOR THE ACTOR. Spring. New Description. Using Kristin Linklater's book, Freeing the Natural Voice as its foundation, the course will introduce students to the physiological basis of voice production. By means of a series of inter-related physical and vocal exercises, students will discover ways of replacing restricting patterns of speech with patterns designed to unlock the voice's full potential for volume, resonance and expressiveness. In addition, students will study and present passages of Shakespearean verse in order to explore ways in which their new vocal skills may be used to express their increased intellectual understanding. Mr. Sprigg.

(TH 306 TWENTIETH CENTURY EXPERIMENTS)

(TH 325 COSTUME DESIGN)

(TH 402 ACTING III)

TH 406 CONTEMPORARY WOMEN PLAYWRIGHTS. Deleted. See TH 206.

TH 419 SPECIAL TOPICS: SPRING REPERTORY PRODUCTION COMPANY. Changed to TH 429; see below.

TH 429 SPECIAL TOPICS: SPRING REPERTORY PRODUCTION COMPANY (Formerly TH 419). Spring. Ms. Faraone, Mr. Potter, Mr. Romagnoli.

PRODUCTION STUDIOS

TH 210 PRODUCTION STUDIO: ACTING/DIRECTING. Fall. Mr. Sprigg.

TH 219 PRODUCTION STUDIO: DESIGN/PRODUCTION. Fall,

(TH 220 PRODUCTION STUDIO: ACTING/DIRECTING)

(TH 229 PRODUCTION STUDIO: DESIGN/PRODUCTION)

DANCE COURSES

TH 160 INTRODUCTORY DANCE. Fall, Spring.

TH 161 ADVANCED BEGINNING DANCE. Fall.

(TH 162 ADVANCED BEGINNING DANCE)

TH 260 INTERMEDIATE DANCE I. Fall.

TH 261 INTERMEDIATE DANCE II. Spring.

TH 276 ANATOMY AND KINESIOLOGY. Fall, Spring.

(TH 279 MOVEMENT INTENTIONALITY FOR THE STAGE)

TH 284 DANCE HISTORY. Spring. New Description. Introductory lectures and readings on the origins of movement in ritual, its meaning, social function, culture/historical implications, and development as an art form. Concentration is then focused on the emergence of the 20th century modern and post-modern dance via such innovators as Duncan, Graham, Humphrey, Limon, Cunningham, Nikolais, Louis, Halprin, Pilobolus, Monk, Tharp. Viewing of film and live performance aids in delving into the critic's world as both an historical study and a means to develop the ability to make aesthetic judgments about dance. Ms. Campbell.

TH 360 ADVANCED DANCE I. Fall.

TH 361 ADVANCED DANCE II. Spring.

TH 380/381 DANCE COMPANY OF MIDDLEBURY. Fall, Spring. Ms. Campbell, Ms. Olsen.

FILM STUDY COURSES

*TH 130 FILM FORM AND FILM SENSE. Spring. New Description. The purpose of this course is to improve our ability to look at, write about, talk about, and think about moving images, particularly film. The questions to be studied include: How does the film communicate meaning? What are the distinctive qualities of the medium? How has the cinema been influenced by politics, economics and technology? What is the nature of film authorship? Why are film genres so popular with the audience? The course will strive to establish a working vocabulary for the examination of the cinema and provide a background in the various approaches to the study of film. A range of classical and popular films will be screened. Lectures, discussions and weekly screenings. Readings and papers required. One section fulfills the College Writing requirement. Mr. Grindon.

(TH 231 FILM HISTORY)

(TH 232 INDEPENDENT CINEMA)

TH 234 AMERICAN FILM GENRES. Fall. New Description. The course will study the form and development of Hollywood film genres such as the western, the gangster film, the musical, etc. The conventions, archetypes and expectations of various genres will be outlined and their meaning analyzed. The historical transformation of genres will be highlighted. Generic development will be studied in relation to changes in American society, trends in popular culture and the evolution of hte American film industry. Screenings, reading and written reports. Mr. Grindon.

TH 235 SIGHT AND SOUND. Fall.

(TH 236 TELEVISION AS CULTURE)

(TH 237 JAPANESE CINEMA)

(TH 238 THIRD WORLD CINEMA)

(TH 330 FILM AND MODERNISM)

TH 331 SIGHT AND SOUND II. Spring.

(THE 332 WORKSHOP IN FILM CRITICISM)

TH 333 HISTORY OF VIDEO. Spring. New Course. In the early 1960's, video tape and recording equipment became available to non-broadcast and non-commercial users, and this new accessibility spawned the development, by artists and documentarians, of a new moving image medium. This course will examine the works themselves, as well as the theories which developed to support and transform video. Screenings, readings, reports and research papers. Mr. Perry.

TH 334 POLITICS AND FILM. Spring. New Course. This course will study the relationship between political values and film and television. The persuasive power of the moving image has shaped the political landscape of the 20th century. From Lenin's declaration that "the cinema is the most important of all the arts" to the advertising campaigns that speak from our television screens, the impact of film on political movements is enormous. Political movements have frequently made a policy toward the media part of their program whether it be the "Socialist Realism" of the Soviets, the Fascist spectacle, or the liberal documentaries of the New Deal. A central problem addressed by the course will be the relationship between film form and political values. The course will investigate the political impact of cinema's rhetorical devices such as modes of editing and the treatment of the image. Both developments in the documentary film and ideological currents of the mainstream entertainment cinema will be explored. Among the issues to be considered will be the meaning of generic forms, the practice of television journalism, the debate over realism and modernism, and issues raised by Third World Cinema and feminist criticism. (TH 130 or permission.) Mr. Grindon.

TH 336 WOMEN AND FILM. Spring. New Course. Since the beginnings of the motion picture, women have been depicted in a number of different stereotypes, particularly as passive objects. Making use of appropriate films and recent feminist aesthetic theory, this course will examine the way in which films have represented women, while at the same time considering the cultural and ideological forces at work in these representations. In addition, the course will treat recent attempts to develop a more truthful portrayal of women, particularly in the films directed by women. Screenings, readings, written and oral reports. Mr. Perry.

TH 403 SPECIAL TOPICS: VOYEURISM AND CINEMA. Deleted.

GRADUATE PROGRAMS

No significant changes, although the single course rate tuition charged for academic year programs has been set at $1,500 for 1988-89.

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